



Attorney Ref. No. 51590 62071

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sadelain et al. Confirmation No. 3724
U.S. Serial No. 09/872,832 Examiner: Ewoldt, Gerald
Filed: June 1, 2001 Group Art Unit: 1644
For: ARTIFICIAL ANTIGEN PRESENTING CELLS AND
METHODS OF USE THEREOF

EXPRESS MAILING CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Label. No. EV 738116387 US, addressed to MS Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: August 15, 2005

Signature: Denise Kacinski
Denise Kacinski

DECLARATION OF DR. RICHARD J. O'REILLY M.D.

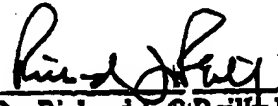
1. I, Dr. Richard J. O'Reilly M.D., do hereby declare that I am Chairman of the Department of Pediatrics, Chief of the Pediatric Bone Marrow Transplant Service and the Claire L. Tow Chair in Pediatric Oncology Research at Memorial Sloan-Kettering Cancer Center. I am familiar with the technology described in United States Patent Application Serial Number 09/872,832 (the '832 application). My experience and professional background are summarized in the attached curriculum vitae.
2. I have reviewed the Office Action dated February 14, 2005. I understand that the Examiner finds the "E495" designation of the CMV antigenic peptide having the sequence of NLVPMVATV between amino acids 495-503 ("CMVpp65₄₉₅₋₅₀₃") to be an insufficient description of this peptide.
3. On page 40 of the '832 application, in Example 16, an amino acid segment from cytomegalovirus protein pp65 is described. The peptide itself is identified in Example 16 as "E495" (i.e., epitope of pp65₄₉₅).

BEST AVAILABLE COPY

4. A CMV pp65 derived antigenic peptide designated "E495" would be recognized by a skilled practitioner in the field of immunology to be the CMV pp65₄₉₅₋₅₀₃ peptide that is shown to have potent antigenic effects by Diamond et al. (1997) Blood, 90:5 pp. 1751-1767 and Solache et al. (1999) J. Immunology, 5512-5518. This peptide sequence is consistently described in the literature as the optimal antigenic peptide to be derived from the 495 region of pp65. Accordingly, a skilled practitioner would recognize that an antigenic peptide designated "E495" and derived from CMV pp65 is shorthand for the well-known pp65₄₉₅₋₅₀₃ antigenic peptide.

5. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Dated 8-12-05

By: 
Dr. Richard J. O'Reilly M.D.,
Chairman of the Department of
Pediatrics



MEMORIAL SLOAN-KETTERING CANCER CENTER

August, 2005

Name: Richard J. O'Reilly, M.D.

Date of Birth: April 29, 1943

Place of Birth: Brooklyn, New York

Nationality: U.S.

Office Address: Department of Pediatrics
1275 York Avenue - Box 139
New York, New York 10021

Tel: 212 639 5957
Fax: 212 717 3447
Email: oreillyr@mskcc.org

Home Address: 402 East 64th Street, Apartment 7A
New York, New York 10021-7940

Licensed Physician: 1972 Massachusetts
1973 New York

Board Certification: 1974 American Board of Pediatrics

Education: Bachelor of Arts, 1964
College of the Holy Cross
Worcester, MA

Doctor of Medicine, 1968
University of Rochester School of Medicine
Rochester, NY

Postdoctoral Training: Internship
July 1968 - March 1969, Pediatrics
University of Minnesota Hospitals, Minneapolis, Minnesota

Residency
July 1971 - June 1972, Pediatrics
Children's Hospital Medical Center, Boston, MA

Fellowship
July 1972 - June 1973, Infectious Disease
Children's Hospital Medical Center and Beth Israel Hospital, Boston, MA

POSITIONS & APPOINTMENTS

Academic and Hospital Appointments:

1986 - present	Chairman, Department of Pediatrics, Memorial Sloan-Kettering Cancer Center, New York, NY
1984 - present	Member, Memorial Sloan-Kettering Cancer Center, New York, NY
1984 - present	Attending Pediatrician, Hematology/Lymphoma Service, Clinical Immunology Service, Department of Medicine, Memorial Hospital, New York, NY
1984 - present	Prof. of Immunology, Cornell University School of Medical Sciences
1984 - present	Prof. of Pediatrics, Cornell University Medical College, New York, NY
1984-2003	Vincent Astor Chair of Clinical Research, Memorial Sloan-Kettering Cancer Center
2003-present	Claire L. Tow Chair in Pediatric Oncology Research
1983 - present	Attending Pediatrician, Department of Pediatrics, The New York Hospital, New York, NY
1982 - present	Attending Pediatrician, Dept of Pediatrics, Memorial Hospital, New York, NY
1981	Associate Attending Pediatrician, Immunology Service and Hematology/Lymphoma Service, Department of Medicine, Memorial Sloan-Kettering Cancer Center, New York, NY
1980 - 1984	Lila Acheson Wallace Professor of Pediatric Research, Cornell University Medical College, New York, NY
1980	Associate Attending Pediatrician, Chief, Marrow Transplantation Service, Memorial Hospital, New York, NY
1978 - 1983	Associate Attending Pediatrician, The New York Hospital, New York, NY
1978	Assistant Attending Physician, Hematology/Lymphoma Service, Memorial Hospital, New York, NY
1978 - 1983	Associate Professor of Pediatrics and Immunology, Cornell University Medical College, New York, NY
1976	Director, Marrow Transplantation Program, Memorial Hospital, New York, NY
1975	Director, Pediatric Marrow Transplantation Program, Memorial Hospital, New York, NY
7/1974 - 1978	Assistant Professor of Immunology, Sloan-Kettering Division, Graduate School of Medical Science, Cornell University Medical College, New York, NY Assistant Professor of Pediatrics, Cornell University Medical College, New York, NY
1973 - 1980	Assistant Attending Pediatrician, Department of Pediatrics, Memorial Hospital Assistant Member, Sloan-Kettering Institute, New York, NY

Research Appointments:

1984 - present	Member, Sloan-Kettering Institute for Cancer Research, New York, NY
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1984 - present **Member, Department of Immunology, Sloan-Kettering Institute**

1983 **Associate Member, Sloan-Kettering Institute for Cancer Research, New York, NY**

1980 - 1984 **Associate Member, Department of Immunology Sloan-Kettering Institute, New York, NY**

1973 - present **Head, Laboratory of Microbial Immunology, Sloan-Kettering Institute, New York, NY**

1973 - 1983 **Assistant Member, Sloan-Kettering Institute for Cancer Research, New York, NY**

1972 - 1973 **Research Fellow in Pediatrics, Children's Hospital Medical Center, Boston, MA**

1966 - 1967 **Student Fellow in Immunology, University of Rochester School of Medicine, Rochester, NY**
Summer elective

1965 **Student Fellow in Nuclear Medicine, University of Rochester School of Medicine, Rochester, NY**

Scientific and Medical Societies:

American Pediatric Society
American Association of Immunologists
American Association of Pathologists
American Academy of Pediatrics
American Association for the Advancement of Science
American Society of Hematology
American Association for Cancer Research
American Society for Blood and Bone Marrow Transplantation
Association for Gnotobiotics
H San Raffaele Scientific Advisory Board
International Society for Hematotherapy & Graft Engineering
Medical Society of the State of New York
New York Academy of Sciences
New York County Medical Society
New York Transplantation Society
New York Celtic Medical Society
Society for Pediatric Research
Transplantation Society

Honors and Awards:

Pediatric Oncology Award, American Society of Clinical Oncology, May 14, 2005
Lifetime Achievement Award, American Society for Blood and Marrow Transplantation, February 12, 2005
Timothy Gee Humanity in Medicine Award, The Lauri Strauss Leukemia Foundation, November 8, 2004
Visiting Professor, The Sidney Kimmel Comprehensive Cancer Center, 2003-2004
William Hathaway Visiting Professor, Children's Hospital of Denver, 2004
Award for Excellence in Medicine, The Society Memorial Sloan-Kettering Cancer Center, May 18, 2004
Claire L. Tow Chair in Pediatric Oncology Research
Boerhaave Medal – Leiden University – February 18, 2000, Leiden, The Netherlands
Vincent Astor Chair in Clinical Research, 1984 - 2003
Ronald McDonald House Award, 1993
The Best Doctors in America, Pediatric Bone Marrow Transplantation, 1992,1993, 1996
The Best Doctors in New York, Pediatric Hem/Onc, 1996
The Best Doctors in New York, Pediatric Hem/Onc, 1998
Mary Jane Keller Visiting Professor, Yale University School of Medicine, 1996
Visiting Woodruff Professor, Emory University School of Medicine, Atlanta, GA
Louise and Allston Boyer-Young Investigator Award in Clinical Science, 1980
Lila Acheson Wallace Chair of Pediatric Research, 1980
Doctor of Medicine with Honors, University of Rochester School of Medicine, 1968

OTHER SUPPORT

O'REILLY, R. J.

ACTIVE

P01-CA59350 (Sadelain)	5/1/00 – 4/30/05	10%
NIH	\$196,319	

Memorial Sloan-Kettering Cancer Gene Therapy Program.

Develop a rapid, practicable and broadly applicable approach for the generation of donor-derived CD8⁺ cytotoxic and CD4⁺ helper T cells specific for immunogenic proteins of CMV and EBV for adoptive transfer to treat or prevent infection following allogeneic marrow or organ transplantation.

Role: Project Leader

1 U01 HL69315-03 (O'Reilly)	9/30/01-8/31/06	10%
NIH/NHBLI	\$347,025	

IL-7 for immune recovery after hematopoietic allografts

The major goals of this proposal are to perform a Phase I and a randomized Phase II study within the Blood and Marrow Transplant Clinical Research Network to evaluate the role of IL7 as an immunostimulatory agent in adult recipients of a hematopoietic allograft.

Role: PI

P01 CA23766-26 (O'Reilly)	5/8/02-2/28/07	10%
NIH	\$330,460	

The Immunobiology of Marrow Allografts for Leukemia.

To evaluate new strategies for generating T cells from HLA matched donors that are reactive against host minor alloantigens or leukemia associated antigens which, after transduction with NIT vector could be adoptively transferred to induce a controlled, reversible graft vs. leukemia reaction.

Role: PI, Project 1

P01 CA23766-26 (O'Reilly)	5/8/02-2/28/07	12%
NIH	\$270,521	

The Immunobiology of Marrow Allografts for Leukemia.

Experimental therapeutics investigating novel approaches for transplantation of patients with leukemia.

Role: PI, Project 6

P01 CA23766-26 (O'Reilly)	5/8/02-2/28/07	10%
NIH	\$151,493	

The Immunobiology of Marrow Allografts for Leukemia.

To provide administrative, biostatistical and data management for the program project, the individual research projects and the clinical trials program.

Role: PI, Core D

5 P30 CA08748-40 (Varmus)	2/21/2003 – 12/31/2007	15%
NIH/NCI	\$6,246,619	

Cancer Center Support Grant

This grant provides funds for core facilities, developmental research, and other internal programs that support the research programs of MSKCC's NCI-Designated Comprehensive Cancer Center.

Role: Project Leader

OVERLAP

None

OTHER SUPPORT**PENDING**

P01 CA52477-13 (Spriggs) 2004 10%

NIH \$215,539

Epithelial Ovarian Cancer Program Project

To develop practicable methods for the generation of tumor antigen specific cytotoxic T cells that recognize the epithelial ovarian cancer associated tumor antigens: Wilms' tumor gene (WT1), HER2/neu, and MUC16 and to assess their activity against ovarian cancer in preclinical models and in phase I/II clinical trials of adoptive immunotherapy in patient with advanced ovarian cancer.

Role: PI, Project 3

P01 CA106450-01 (O'Reilly) 12/1/04-11/30/09 15%

NIH \$260,180

Molecular Targeting of Developmental Cancers in Children

To evaluate the anti-tumor activity of T lymphocytes generated from the blood of tumor bearing and normal hosts by sensitization with peptides derived from oncofetal proteins differentially expressed by developmental tumors of childhood.

Role: PI, Project V

P01 CA106450-01 (O'Reilly) 12/1/04-11/30/09 10%

NIH \$94,177

Molecular Targeting of Developmental Cancers in Children

To enhance communication, prioritize efforts and provide appropriate scientific interchange and oversight.

Role: Core Director, Core D

Institutional Activities:

Ad Hoc Committee on Clinical Investigation
Ad Hoc Committee for Review of Bone Marrow Transplantation Service
Ad Hoc Committee for Review of Clinical Cancer
Chemotherapy Research, Department of Pediatrics
Physician-in-Chief Advisory Search Committee
Department of Biochemistry Review Committee
Leukemia Cell Biology Discussion Group
Search Committee - General Motors Surgical Research Laboratory
Chairman, Disease Management Team, Department of Pediatrics
Pediatric Solid Tumor Task Force
Chairman, Bone Marrow Transplantation Service Search Committee
Anti-Viral Task Force Committee
CCOP Steering Committee
Ad Hoc Committee (Immunobiology) for Appointments and Promotions
Committee on Blood and Blood Products
Transfusion Committee
Medical Board, April 1986 - present
Research Council, April 1986 - 1996
Committee on Appointments and Promotions April 1986 - April 1993
Surgical Service Review Committee, 1989
Hematologic Oncology Division Chief Search Committee
Leukemia Steering Committee
Clinical Genetics Search Committee
Experimental Therapeutics Center Executive Committee
Memorial Hospital Committee on Credentials, Appointments and Promotions, 2004-present

Other Activities:

Editor-in-Chief - Biology of Blood & Marrow Transplantation, 1995 - 2001
Associate Editor - Cancer Research, 1993-1997
Associate Editor - Clinical Cancer Research, 1994-2002
Associate Editor - Bone Marrow Transplantation Journal
Associate Editor - Clinical Transplantation
Editorial Board - International Journal of Cell Cloning
Editorial Board - Journal of Clinical Immunology
Editorial Board - Marrow Transplantation Reviews
NCI - Ad Hoc Review Committee - Program Projects on Marrow Transplantation, 1989 -
Presenter, President's Cancer Panel, National Cancer Program, 1995
Board of Scientific Counselors, National Cancer Institute
Member, NCI Clinical Trials Working Group, 1996
Member, Subcommittee F NCI K-12 Review Committee, 1997
Ad Hoc Review Committees, National Cancer Institute, National Heart, Lung, and Blood Institute
Scientific Advisory Board, Cellerant Corporation
Member, NIH-NCI Subcommittee D of Cancer Centers & Res Programs Review Committee,
1994- 1996
Member, NIH-NCI Subcommittee D of Cancer Centers & Research Programs Review Committee,
1997 - 2000
Member, NIH-NCI Subcommittee A, Board of Scientific Counselors, NCI, 2000-2005
Consultant - FDA Biological Response Modifiers Advisory Committee, 1998 - present
Chairman, Selection Committee, Clinical Scholars Award, Cancer Research Fund of the Damon Runyon-
Walter Winchell Cancer Research Fund, 1999-Present
President, Damon Runyon-Walter Winchell Cancer Fund, 1990 - 1996
Board of Directors, Executive & Scientific Committee, Damon Runyon-Walter Winchell Cancer Fund
Secretary, American Society for Blood and Marrow Transplantation, 1993 - 1995
Past President, American Society for Blood and Marrow Transplantation

Ad-Hoc Bone Marrow Registry Committee - Southeastern Organ Procurement Foundation
 American Cancer Society Review Committee on Immunology and Immunotherapy
 General Motors Cancer Research Foundation, Kettering Award Selection Committee, 1993 & 1994
 Department of Health, City of New York Pediatric Evaluation Committee
 Board of Directors, The Children's Oncology Society of New York
 Long-Range Planning Committee, American Association for Cancer Research, 1989 - 1990
 Public Education Committee, American Association for Cancer Research, 1990 -1995
 Program Committee, American Association for Cancer Research, 1991 - 1995
 Councillor, International Bone Marrow Transplantation Registry
 New York State Department of Health Living Donor Tissue Technical Advisory Committee, 1991 - 1994
 Publications Committee, American Association for Cancer Research
 Member, Public Relations & Communications Committee of the American Association for Cancer Research AACR, 1998 - present
 Chairman, New York State Bone Marrow Transplantation Consortium, 1997 - present
 Advisory Council Member - The Bone Marrow Foundation (Resource and Educational Center), 1998 - present
 Vice-President, American Society of Blood and Marrow Transplantation, 1999 – 2000
 President, American Society of Blood and Marrow Transplantation, 2001-present
 External Scientific Advisory Committee, M.D. Anderson Cancer Center, 1998 - present
 External Scientific Advisory Committee, Ad Hoc Member, Dana Farber Cancer Institute, 1998 - 1999
 External Scientific Advisory Board, Pediatric Branch, National Cancer Institute, 1998 - present
 External Scientific Advisory Committee to the Transplantation Program for Aplastic Anemia, Fred Hutchinson Cancer Research Center, 1996 - present
 External Advisory Committee for the Duke Comprehensive Cancer Center
 Ad Hoc Bone Marrow Transplantation Committee of the Children's Cancer Study Group
 Advisory Board, The Aplastic Anemia Foundation of America
 Medical Advisory Board, The Laura Rosenberg Memorial Fund, Inc.
 Medical Advisory Committee, Andrew S. Gaffney Foundation, May 1986
 Board of Directors, Foundation for the Accreditation of Hematopoietic Cell Therapy, 1994 -2003
 Medical Advisory Board, Lauri Strauss Leukemia Foundation, 1991
 Medical Director, Robert Steel Foundation
 Scientific Advisory Board, William Guy Forbeck Research Foundation, 1999 – present
 Scientific Advisory Council, Hope Street Kids, 2000-present
 Clinical Cancer Research Committee, American Association for Cancer Research, 2002-present
 Scientific Advisory Board, Anthony Nolan Research Institute, 2002-present
 Medical Advisory Board, The Sidney Kimmel Foundation, 2002-present
 Leukemia & Lymphoma Foundation Grants Review Committee
 Leukemia & Lymphoma Society of America, Medical and Scientific Affairs Committee
 Sidney Kimmel Foundation, Medical Advisory Board
 External Scientific Advisory Board, Immunology Program, Los Angeles Children's Hospital
 Scientific Consultant, Becton-Dickinson Corporation, 2004-present
 Scientific Consultant, Zephyr Sciences, 2004-present
 External Advisory Council, The USC-CHLA Institute for Pediatric Clinical Research, 2005-present

Languages: Spoken: German
 Written: German

Social Security Number: 135 34 8581

Marital Status: Married **Spouse's name:** Jean

Dependents: John
 Stephen

Military Service: Senior Assistant Surgeon, United States Public Health Service,
 National Center for Disease Control 1969 - 1971

A. JOURNALS

1. Strain, W.H., Danahy, D.T., O'Reilly, R.J., Thomas, W.R., Wilson, R.M., Pories, W.J.: Promotion of radioisotope excretion. J Nucl Med.; 8:109, 1967.
2. Strain, W.H., Rivers, R.J., O'Reilly, R.J., Danahy, D.T., Thomas, W.R., Wilson, R.M.: Effect of parabens on the permeability of the blood: Brain barrier to water-soluble radiopaque media. Amer J Roentgenology, Radium Therapy and Nuclear Medicine 105:410, 1969.
3. Gordon, D.S., Hunter, R.G., O'Reilly, R.J., Conway, B.P.: Pseudomonas aeruginosa allergy and humoral antibody-mediated hypersensitivity pneumonia. Am Rev Resp Dis; 108: 27-131, 1973.
4. Huang, S.W., Ammann, A.J., Levy, R.L., Hong, R., Bach, F.H., Bach, M.L., O'Reilly, R.J., Patterson, J.H.: Treatment of severe combined immunodeficiency by a small number of pretreated non-matched marrow cells. Transplantation; 15: 174-176, 1973.
5. Ingram, D.L., O'Reilly, R.J., Anderson, R., Smith, D.H.: Detection of the capsular polysaccharide of hemophilus influenzae b in body fluids. In: Sell SH, ed. Conference on Hemophilus Influenzae. Vanderbilt Press, 37-43, 1973.
6. Kearns, D.H., O'Reilly, R.J., Lee, L., Welch, B.G.: Secretory IgA antibodies in the urethral exudate of males with uncomplicated gonococcal urethritis. J. Infect. Dis., 127: 99-101, 1973.
7. Kearns, D.H., Seibert, G.B., O'Reilly, R.J., Lee, L., Logan, L.: Paradox of immune response to uncomplicated gonococcal urethritis. N. Engl. J. Med., 289: 1170-1172, 1973.
8. O'Reilly, R.J., Patterson, J.H., Bach, F.H., Bach, M.L., Hong, R., Kissmeyer-Nielsen, F.: Chimerism detected by HLA typing. Transplantation, 15: 505-507, 1973.
9. O'Reilly, R.J., Welch, B.G., Kellogg, D.S.: An indirect fluorescent antibody technique for study of uncomplicated gonorrhea. II. Selection and characterization of the strain of N. gonorrhea used as antigen. J. Infect. Dis., 127: 77-83, 1973.
10. Welch, B.G., O'Reilly, R.J.: An indirect fluorescent antibody technique for study of uncomplicated gonorrhea. I. Methodology. J. Infect. Dis., 127: 69-76, 1973.
11. Incefy, G., Boumsell, L., Kagan, W., Goldstein, G., DeSousa, M., Smithwick, E.M., O'Reilly, R.J., Good, R.A.: Enhancement of T lymphocyte differentiation in vitro by thymic extracts and purified polypeptides in severe combined immunodeficiency diseases. Trans. Assoc. Am. Physicians, 88: 135-145, 1975.
12. Incefy, G.S., Boumsell, L., Touraine, J.L., L'Esperance, P., Smithwick, E.M., O'Reilly, R.J., Dupont, R.J., Good, R.A.: Enhancement of T-lymphocyte differentiation in vitro by thymic extracts after bone marrow transplantation in severe combined immunodeficiencies. Clin. Immunol. Immunopathol, 4: 258-268, 1975.
13. Incefy, G.S., Boumsell, L., Touraine, J.L., L'Esperance, P., Smithwick, E.M., O'Reilly, R.J., Good, R.A.: Enhancement of T-lymphocyte differentiation in vitro by thymic extracts after bone marrow transplantation in severe combined immunodeficiencies. In: VanBekkum DW, ed. The Biological Activity of Thymic Hormones - Proceedings. Rotterdam: Kooyker Scientific Publications, 43-44; 1975.
14. L'Esperance, P., Hansen, J.A., Jersild, C., O'Reilly, R.J., Good, R.A.: Thomsen J, Nielsen LS, Svejgaard A, Dupont B: Bone marrow donor selection among unrelated four-locus identical individuals. Transplant. Proc. 7(Suppl): 823-831, 1975.
15. O'Reilly, R.J., Anderson, P., Ingram, D.L., Peter, G., Smith, D.H.: Circulating polyribophosphate in Hemophilus

- influenzae type b meningitis. Correlation with clinical course and antibody response. J. Clin. Invest. 56: 1012-1022, 1975.
16. Twomey, J., Waddell, C.C., Krantz, S., O'Reilly, R.J., L'Esperance, P., Good, R.A.: Chronic mucocutaneous candidiasis with macrophage dysfunction, a plasma inhibitor, and coexistent aplastic anemia. J. Lab. Clin. Med., 85: 968-977, 1975.
 17. Cunningham-Rundles, S., Feller, W.F., Cunningham-Rundles, C., Dupont, B., Wanebo, H., O'Reilly, R.J., Good, R.A.: Lymphocyte transformation in vitro to RIII mouse milk antigen among women with breast disease. Cell. Immunol., 25: 322-327, 1976.
 18. Emodi, G., O'Reilly, R.J., Muller, A., Everson, L.K., Bunswanger, U., Just, M.: Effect of exogenous leukocyte interferon in cytomegalovirus infections. J. Infect. Dis., 133: 199-204, 1976.
 19. Gorski, A.J., Dupont, B., Hansen, J.A., O'Reilly, R.J., Smithwick, E.M., Gorska, R., Good, R.A.: Leukocyte migration inhibitory factor (LMIF) profile in primary and secondary immunodeficiency disease. Clin. Exp. Immunol., 26: 505-510, 1976.
 20. Gupta, S., Pahwa, R., O'Reilly, R.J., Good, R.A., Siegel, F.P.: Ontogeny of lymphocyte subpopulations in human fetal liver. Proc. Nat. Acad. Sci., 73: 919-922, 1976.
 21. Hansen, J.A., O'Reilly, R.J., Good, R.A., Dupont, B.: Relevance of major human histocompatibility determinants in clinical bone marrow transplantation. Transplant. Proc., 8: 581-589, 1976.
 22. Incefy, G., Grimes, E., Kagan, W., Goldstein, G., Smithwick, E.M., O'Reilly, R.J., Good, R.A.: Heterogeneity of stem cells in severe combined immunodeficiency. Clin. Exp. Immunol., 25: 462-471, 1976.
 23. Moore, M.A.S., Hansen, J.A., Everson, L.K., O'Reilly, R.J., Good, R.A.: Hematologic analysis of clinical bone marrow grafting evaluated by in vitro cultures. Transplant. Proc., 8: 647-654, 1976.
 24. O'Reilly, R.J., Everson, L.K., Emodi, G., Hansen, J., Smithwick, E.M., Grimes, E., Pahwa, S., Pahwa, R., Schwartz, S., Armstrong, D., Siegel, F.P., Gupta, S., Dupont, B., Good, R.A.: Effects of exogenous interferon in cytomegalovirus infections complicating bone marrow transplantation. Clin. Immunol. Immunopathol., 6: 51-61, 1976.
 25. O'Reilly, R.J., Lee, L., Welch, B.G.: Secretory IgA antibody responses to *Neisseria gonorrhoeae* in the genital secretions of infected females. J. Infect. Dis., 133: 113-125, 1976.
 26. Smith DH, Peter G, Ingram DL, O'Reilly RJ, Harding AL, Anderson P : The immunological response of humans to the capsular polysaccharide of *Haemophilus influenzae*, type b. New approaches for inducing natural immunity to pyrogenic organisms pp. 73-5, 1976.
 27. Hadden, J.W., Lopez, C., O'Reilly, R.J., Hadden, E.M.: Levamisole and inosiplex. Antiviral agents with immunopotentiating action. Ann. N.Y. Acad. Sci., 284: 139-152, 1977.
 28. Incefy, G., Dardenne, M., Pahwa, S., Grimes, E., Pahwa, R., Smithwick, E.M., O'Reilly, R.J., Good, R.A.: Thymic activity in severe combined immunodeficiency diseases. Proc. Nat. Acad. Sci., 74: 1250-1253, 1977.
 29. Lewis, V., Twomey, J.J., Goldstein, G., O'Reilly, R.J., Smithwick, E.M., Pahwa, R., Pahwa, S., Good, R.A., Schulte-Wisserman, H., Horowitz, S., Hong, R., Jones, J., Sieber, O., Kirkpatrick, D., Polmar, S., Bealmear, P.: Circulating thymic-hormone activity in congenital immunodeficiency. Lancet, 2: 471-475, 1977.
 30. Lopez, C., O'Reilly, R.J.: Cell-mediated immune responses in recurrent herpes virus infections. I. Lymphocyte proliferation assay. J. Immunol., 118: 895-902, 1977.
 31. O'Reilly, R.J., Chibbaro, A., Anger, E., Lopez, C.: Cell mediated immune responses in patients with recurrent herpes simplex infections. II. Infection-associated deficiency of lymphokine production in patients with recurrent

herpes labialis or herpes progenitalis. J. Immunol., 118: 1095-1102, 1977.

32. O'Reilly, R.J., Chibbaro, A., Wilmot, R., Lopez, C.: Correlation of clinical and virus-specific immune responses following levamisole therapy of recurrent herpes progenitalis. Ann. N.Y. Acad. Sci., 284: 164-170, 1977.
33. O'Reilly, R.J., Dupont, B., Pahwa, S., Grimes, E., Smithwick, E.M., Pahwa, R., Schwartz, S., Hansen, J.A., Siegel, F.P., Sorell, M., Svejgaard, A., Jersild, C., Thomsen, M., Platz, P., L'Esperance, P., Good, R.A.: Reconstitution in severe combined immunodeficiency by transplantation of marrow from an unrelated donor. N. Engl. J. Med., 297: 1311-1318, 1977.
34. Pahwa, R., Pahwa, S., Good, R.A., Incefy, G., O'Reilly, R.J.: Rationale for combined use of fetal liver and thymic for immunological reconstitution in patients with variants of severe combined immunodeficiency. Proc. Nat. Acad. Sci., 74: 3002-3005, 1977.
35. Dupont B, Hansen JA, Good RA, O'Reilly RJ : Histocompatibility testing for clinical bone marrow transplantation. HLA system-New Aspects, pp. 153-70, 1977.
36. Boone, W.B., O'Reilly, R.J., Pahwa, S., Grimes, E., Smithwick, E.M., Good, R.A.: Acquired CMV chorioretinitis in severe combined immunodeficiency. Clin. Immunol. Immunopathol., 9: 129-133, 1978.
37. O'Reilly, R.J., Pahwa, R., Kirkpatrick, D., Sorell, M., Kapadia, A., Kapoor, N., Hansen, J.A., Pollack, M., Schutzer, S.E., Good, R.A., Dupont, B.: Successful transplantation of marrow from an HLA A, B, D mismatched heterozygous sibling donor into an HLA D homozygous patient with aplastic anemia. Transplant. Proc., 10: 957-962, 1978.
38. Pahwa, S.G., Smithwick, E.M., Grimes, E.R., O'Reilly, R.J., Pahwa, R., Good, R.A.: Chemotactic defects in severe combined immunodeficiency. J. Pediatr., 92: 43-50, 1978.
39. O'Reilly RJ, Aiuti F, Kirkpatrick C, Stiehm R, Griscelli C : Criteria for the diagnosis of combined primary immunological deficiencies (article in Italian). Recenti Prog Med, 64(3):265-74, 1978.
40. Cunningham-Rundles, C., Brandeis, W.E., Safai, B., O'Reilly, R.J., Day, N.K., Good, R.A.: Selective IgA deficiency and circulating immune complexes containing bovine proteins in a child with chronic graft versus host disease. Am. J. Med., 67: 883-890, 1979.
41. Grossbard, E., Garrett, T.J., Ratner, L., Good, R.A., O'Reilly, R.J., Chaganti, R.S.K.: Alteration in lymphoid chimerism associated with cytomegalovirus infection following bone marrow transplantation. Transplantation, 28: 253-255, 1979.
42. Kirkpatrick, D., Ching, C., O'Reilly, R.J., Lopez, C.: Correlation between pretransplant natural killer cell activity (HSV-I) and the subsequent development of graft versus host disease following stem cell transplant. In: The Molecular Basis of Immune Cell Function. Elsevier/North Holland Biomedical Press, 1979.
43. Dupont B, O'Reilly RJ, Pollack MS, Good RA.: Use of HLA genotypically different donors in bone marrow transplantation. Transplant Proc. 11(1): 219-24, 1979
44. Lopez, C., Kirkpatrick, D., Sorell, M., O'Reilly, R.J., Ching, C. and the MSKCC Bone Marrow Transplantation Unit: Association between pretransplant natural kill and graft versus host disease following stem cell transplantation. Lancet, 2: 1103-1106, 1979.
45. O'Reilly, R.J., Kapoor, N., Pollack, M., Sorell, M., Chaganti, R.K.S., Blaese, R.M., Wank, R., Good, R.A., Dupont, B.: Reconstitution of immunologic function in a patient with severe combined immunodeficiency following transplantation of marrow from an HLA A,B,C non-identical but MLC compatible paternal donor. Transplant. Proc., 2: 1934-1937, 1979.

46. Pahwa, S., Pahwa, R., Incefy, G., Reece, E., Smithwick, E.M., O'Reilly, R.J., Good, R.A.: Failure of immunologic reconstitution in a patient with the DiGeorge Syndrome after fetal thymic transplantation. Clin. Immunol. Immunopath., 14: 96-106, 1979.
47. Pollack, M., Yang, S.Y., O'Neill, G.J., O'Reilly, R.J., Grossbard, E., Kapoor, N., Good, R.A., Dupont, B.: Bone marrow transplantation using typing for glyoxalase-I as a tool in histocompatibility testing. Transplantation, 28: 156-158, 1979.
48. Garrett, T.J., Grossbard, E., Hopfan, S., Koziner, B., Clarkson, B.D., Good, R.A., O'Reilly, R.J.: Bone marrow transplantation for the therapy of refractory adult T-cell acute lymphoblastic leukemia. Cancer, 45: 2006-2008, 1980.
49. Dupont B, O'Reilly RJ, Pollack MS, Good RA.: Histocompatibility testing for clinical bone marrow transplantation and prospects for identification of donors other than HLA genotypically identical siblings. Hamatol Bluttransfus;25:121-34, 1980.
50. Grossbard EB, O'Reilly RJ.: Bone marrow transplantation in the treatment of leukemia. Clin Bull;10(3):109-13,1980.
51. Pollack, M.S., Kapoor, N., Sorell, M., Kim, S.J., Christiansen, F.T., Silver, D.M., Dupont, B., O'Reilly, R.J.: DR-positive maternal engrafted T cells in a severe combined immunodeficiency patient without graft versus host disease. Transplantation, 30: 331-334, 1980.
52. Reisner, Y., Kapoor, N., O'Reilly, R.J., Good, R.A.: Allogeneic bone marrow transplantation using stem cells fractionated by lectins: III. In vitro analysis of human and monkey bone marrow cells fractionated by sheep red blood cells and soybean agglutinin. Lancet, 11: 1320-1323, 1980.
53. Spitler, L.E., Wray, B.B., Mogerman, S., Miller, J.J., O'Reilly, R.J., Lagios, M.: Nephropathy in the Wiskott-Aldrich syndrome. Pediatrics, 66: 391-398, 1980.
54. Dupont, B., Flomenberg, N., O'Reilly, R.J.: Bone marrow transplantation for correction of severe aplastic anemia and primary immunodeficiency. Ann. Clin. Res., 13: 358-366, 1981.
55. Incefy, G., O'Reilly, R.J., Kapoor, N., Iwata, T., Goldstein, G., Good, R.A.: In vitro differentiation of human marrow T cell precursors by thymic factors in severe combined immunodeficiency. Transplantation, 32: 299-305, 1981.
56. Iwata, T., Incefy, G., Cunningham-Rundles, S., Cunningham-Rundles, C., Smithwick, E.M., Geller, N., O'Reilly, R.J., Good, R.A.: Circulating thymic hormone activity in patients with primary and secondary immunodeficiency disease. Am. J. Med., 71: 385-394, 1981.
57. Kapoor, N., Kirkpatrick, D., Blaese, R.M., Oleske, J., Hilgartner, M.H., Chaganti, R.K.S., Good, R.A., O'Reilly, R.J.: Reconstitution of normal megakaryocytopoiesis and immunologic functions in Wiskott-Aldrich syndrome by marrow transplantation following myeloablation and immunosuppression with busulfan and cyclophosphamide. Blood, 57: 692-696, 1981.
58. Newberger, P.E., Latt, S.A., Pesando, J.M., Gustashaw, K., Powers, M., Chaganti, R.K.S., O'Reilly, R.J.: Leukemic relapse in donor cells after allogeneic bone marrow transplantation. N. Engl. J. Med., 304: 712-714, 1981.
59. O'Reilly, R.J., Lee, F.K., Grossbard, E., Kapoor, N., Kirkpatrick, D., Dinsmore, R., Stutzer, C., Shah, K.V., Nahmias, A.J.: Papovavirus excretion following marrow transplantation: Incidence and association with hepatic dysfunction. Transplant. Proc., 13: 262-266, 1981.

60. O'Reilly, R.J., Reisner, Y., Kapoor, N.: The use of separated allogeneic hematopoietic precursors to circumvent graft vs host disease following marrow transplantation. In: Burchenal JH, Oettgen HF, eds. Cancer - Achievements, Challenges, and Prospects for the 1980's. Proc. 1980 Intl. Symp. on Cancer, Vol. 2, New York: Grune and Stratton, Inc., 649-662, 1981.
61. Pollack, M.S., Kapoor, N., Sorell, M., Morishima, Y., Silver, D.M., Dupont, B., O'Reilly, R.J.: Absence of demonstrable suppressor cell activity in a severe combined immunodeficiency patient with a sustained engraftment of DR positive maternal T cells. Transplant. Proc., 13: 270-272, 1981.
62. Reisner, Y., Kapoor, N., Kirkpatrick, D., Pollack, M.S., Dupont, B., Chaganti, R.S.K., Good, R.A., O'Reilly, R.J.: Transplantation for acute leukemia with HLA-A & B nonidentical parental marrow cells fractionated with soybean agglutinin and sheep red blood cells. Lancet, 2: 327-331, 1981.
63. Shank, B., Hopfan, S., Kim, J.H., Chu, F.C.H., Grossbard, E., Kapoor, N., Kirkpatrick, D., Dinsmore, R., Simpson, L., Reid, A., Chui, C., Mohan, R., Finegan, D., O'Reilly, R.J.: Hyperfractionated total body irradiation for bone marrow transplantation. I. Early results in leukemia patients. Int. J. Radiat. Oncol. Biol. Phys., 7: 1109-1115, 1981.
64. Sorell, M., Kapoor, N., Kirkpatrick, D., Rosen, J.F., Chaganti, R.S.K., Lopez, C., Dupont, B., Pollack, M.S., Terrin, B.N., Harris, M.B., Vine, D., Rose, J.S., Goossen, C., Lane, J., Good, R.A., O'Reilly, R.J.: Marrow transplantation for juvenile osteopetrosis. Am. J. Med., 70: 1280-1287, 1981.
65. Steinherz, L.J., Steinherz, P.G., Mangiacasale, D., O'Reilly, R.J., Allen, J., Sorell, M., Miller, D.R.: Cardiac changes with cyclophosphamide. Med. Pediatr. Oncol. 9: 417-422, 1981.
66. Chan, K.-W., Pollack, M.S., Braun, D., O'Reilly, R.J., Dupont, B.: Distribution of HLA genotypes in families of patients with acute leukemia. Implications for transplantation. Transplantation, 33: 613-615, 1982.
67. Condie, R.M., O'Reilly, R.J.: Prophylaxis of CMV infection in bone marrow transplant recipients by hyperimmune CMV gamma globulin. In Bonneau M, Hennessen W, eds: For the International Association of Biological Standards. Developments in Biological Standardization: Vol 52, Proceedings International Conference Lyon, France, on "Herpes Virus in Animals and Man". S Karger, Basel, Switzerland, 501-513, 1982.
68. Delmonte, L., O'Reilly, R.J., Kirkpatrick, D., Kapoor, N.: In vitro model for detection of alloreactivity between HLA matched donor-host pairs. Preliminary evaluation as a predictor of graft versus host disease. Transplantation, 34: 100-103, 1982.
69. Friedrich, W., O'Reilly, R.J., Koziner, B., Gebhard, D., Good, R.A., Evans, R.L.: T lymphocyte reconstitution in recipients of bone marrow transplants with and without GvHD: imbalances of T cell subpopulations having unique regulatory and cognitive functions. Blood, 59: 696-701, 1982.
70. Leyland-Jones, B., Clark, A., Kreis, W., Dinsmore, R., O'Reilly, R.J., Young, C.W.: High pressure liquid chromatographic determination of cyclosporin-A in human plasma. Res. Commun. Chem. Pathol. Pharmacol., 37: 431-444, 1982.
71. Merluzzi, V.J., Kenney, R.E., Last-Barney, K., O'Reilly, R.J., Faanes, R.B.: Anomalous killer cells: thymus cell dependency, precursor frequency, and response to immunosuppressive therapy. Clin. Immunol. Immunopathol., 24: 83-92, 1982.
72. O'Reilly, R.J., Kapoor, N., Pollack, M.S., Chaganti, R.S.K., Dupont, B., Kirkpatrick, D., Pawha, S., Reisner, Y.: Immunologic function in patients transplanted for severe combined immunodeficiency selectively engrafted with donor T lymphocytes. International Workshop: The influence of the thymus on the generation of the T cell repertoire. Rudesheim, West Germany: Behring Institute Mitteilungen, 70: 182-187, 1982.

73. Pahwa, S., Pahwa, R., Friedrich, W., O'Reilly, R.J., Good, R.A.: Abnormal humoral immune responses in peripheral blood lymphocyte cultures of bone marrow transplant recipients. Proc. Natl. Acad. Sci., 79: 2663-2667, 1982.
74. Pollack, M.S., Kirkpatrick, D., Kapoor, N., Dupont, D., O'Reilly, R.J.: Identification by HLA typing of intrauterine-derived maternal T cells in four patients with severe combined immunodeficiency. N. Engl. J. Med., 307: 662-666, 1982.
75. Reisner, Y., Kapoor, N., Hodes, M.Z., O'Reilly, R.J., Good, R.A.: Enrichment for CFU-c from murine and human bone marrow using soybean agglutinin. Blood, 59: 360-363, 1982.
76. Shank, B., Simpson, L., and the Bone Marrow Transplantation Team: The role of total body irradiation in bone marrow transplantation for leukemia. Bull. N.Y. Acad. Med. 58: 763-777, 1982.
77. Auerbach, A.D., Adler, B., O'Reilly, R.J., Kirkpatrick, D., Chaganti, R.S.K.: Effect of procarbazine and cyclophosphamide on chromosome breakage in Fanconi anemia cells: Relevance to bone marrow transplantation. Cancer Genet. Cytogenet., 9: 25-36, 1983.
78. Camitta, B., O'Reilly, R.J., Sensenbrenner, L., Rapoport, J., Champlin, R., Doney, K., August, C., Hoffman, R.G., Kirkpatrick, D., Stuart, R., Santos, G., Parkman, R., Gale, R.P., Storb, R., Nathan, D.: Antithoracic duct lymphocyte globulin therapy of severe aplastic anemia. Blood, 62: 883-888, 1983.
79. Dinsmore, R., Kirkpatrick, D., Flomenberg, N., Gulati, S., Kapoor, N., Shank, B., Reid, A., Groshen, S., O'Reilly, R.J.: Allogeneic bone marrow transplantation for patients with acute lymphoblastic leukemia. Blood, 62: 381-388, 1983.
80. Dinsmore, R., Kirkpatrick, D., Flomenberg, N., Gulati, S., Shank, B., O'Reilly, R.J.: Allogeneic marrow transplantation for acute lymphoblastic leukemia in remission: The importance of early transplantation. Transplant. Proc., 15: 1397-1400, 1983.
81. Dinsmore, R., Reich, L., Kapoor, N., Gulati, S., Kirkpatrick, D., Flomenberg, N., O'Reilly, R.J.: ABH incompatible bone marrow transplantation: removal of erythrocytes by starch sedimentation. Br. J. Hematol., 54: 441-449, 1983.
82. O'Reilly RJ, Camitta B, Nathan DG.: Antithoracic duct lymphocyte globulin. Blood (Letter); 62(6):1304.
83. Flomenberg, N., Dupont, B., O'Reilly, R.J., Hayward, A., Pollack, M.S.: The use of T cell culture techniques to establish the presence of an intrauterine-derived maternal T cell graft in a patient with severe combined immunodeficiency (SCID). Transplantation, 36: 733-735, 1983.
84. Flomenberg, N., Welte, K., Mertelsmann, R., Kernan, N., Ciobanu, N., Venuta, S., Feldman, S., Kruger, G., Kirkpatrick, D., Dupont, B., O'Reilly, R.J.: Immunologic effects of interleukin-2 in primary immunodeficiency diseases. J. Immunol., 130: 2644-2650, 1983.
85. Flomenberg, N., Welte, K., Mertelsmann, R., O'Reilly, R.J., Dupont, B.: Interleukin 2-dependent natural killer (NK) cell lines from patients with primary T cell immunodeficiencies. J. Immunol., 130: 2635-2643, 1983.
86. Gulati, S.C., Helson, L., Vega, R., Gandola, L., Gulati, C., Yopp, R., O'Reilly, R.J., Clarkson, B.: Neuroblastoma. Indian J. Pediatr., 50: 661-665, 1983.
87. Gulati, S.C., Gulati, C., Vega, R., Gandola, L., Yopp, J., Dinsmore, R., O'Reilly, R.J., Clarkson, B.: Non-Hodgkin's lymphoma. Indian J. Pediatr., 50: 667-674, 1983.

88. Gupta, S., Kapoor, N., O'Reilly, R.J., Good, R.A.: Spontaneous and concanavalin A induced suppressor cell activity in patients undergoing bone marrow transplantation: Relationship with acute and chronic graft versus host disease. J. Clin. Lab. Immunol., 10: 121-125, 1983.
89. Iwata, T., Incefy, G., Good, R., Cunningham-Rundles, S., Dardenne, M., Kapoor, N., Kirkpatrick, D., O'Reilly, R.J.: Circulating thymic hormone levels in severe combined immunodeficiency. Clin. Exp. Immunol., 53: 1-9, 1983.
90. Lazar, R.M., Tamaroff, M., Nir, Y., Freund, B., O'Reilly, R.J., Kirkpatrick, D., Kapoor, N.: Language recovery following isolation for severe combined immunodeficiency disease. Nature, 306: 54-55, 1983.
91. O'Reilly, R.J., Kapoor, N., Kirkpatrick, D., Cunningham-Rundles, S., Pollack, M., Dupont, B., Hodes, M.Z., Good, R.A., Reisner, Y.: Transplantation for severe combined immunodeficiency using histoincompatible parental marrow fractionated by soybean agglutinin and sheep red blood cells: Experience in six consecutive cases. Transplant. Proc., 15: 1431-1435, 1983.
92. O'Reilly, R.J., Reich, L., Gold, J., Kirkpatrick, D., Dinsmore, R., Kapoor, N., Condie, R.: A randomized trial of intravenous hyperimmune globulin for the prevention of cytomegalovirus (CMV) infectious following marrow transplantation: Preliminary results. Transplant. Proc., 15: 1405-1411, 1983.
93. Pahwa, S., Kirkpatrick, D., Ching, C., Lopez, C., Pahwa, R., Smithwick, E., O'Reilly, R.J., August, C., Pasquariello, P., Good, R.: Persistent cytomegalovirus infection: association with profound immunodeficiency and treatment with interferon. Clin. Immunol. Immunopathol., 28: 77-89, 1983.
94. Pollack, M.S., Chin-Louis, J., Callaway, C., Blanco, M., Slavin, K., Sullivan, K., O'Reilly, R.J., Dupont, B.: Mixed lymphocyte reactions for individuals with phenotypic identity for specific HLA-B,DR determinants: the role of linkage disequilibrium and of specific DR and other class II determinants. J. Clin. Immunol., 3: 341-351, 1983.
95. Pollack, M.S., Chin-Louie, J., Callaway, C., Blanco, M., Sullivan, K., O'Reilly, R.J.: Unrelated bone marrow transplantation donors for patients with HLA-B/DR haplotypes with significant genetic disequilibrium. Transplant. Proc., 15: 1420-1426, 1983.
96. Pollack, M.S., Flomenberg, N., Kirkpatrick, D., Kapoor, N., Dupont, B., O'Reilly, R.J.: Graft versus host disease and severe combined immunodeficiency (Letter to the Editor). N. Engl. J. Med., 308: 160, 1983.
97. Pollack, M.S., Kirkpatrick, D., Kapoor, N., Callaway, C., Henderson, P., LeBlanc, C., Cunningham-Rundles, S., Reisner, Y., Dupont, B., O'Reilly, R.J.: The use of HLA typing to monitor engraftment following transplantation of lectin-fractionated histoincompatible marrow in patients with immunodeficiency and leukemia. Transplant. Proc., 15: 1857-1862, 1983.
98. Reisner, Y., Kapoor, N., Kirkpatrick, D., Pollack, M.S., Cunningham-Rundles, S., Dupont, B., Hodes, M.Z., Good, R.A., O'Reilly, R.J.: Transplantation for severe combined immunodeficiency with HLA-A, B, D, Dr incompatible parental marrow cells fractionated by soybean agglutinin and sheep red blood cells. Blood, 61: 341-348, 1983.
99. Shank, B., Chu, F., Dinsmore, R., Kapoor, N., Kirkpatrick, D., Teitelbaum, H., Reid, A., Bonfiglio, P., Simpson, L., O'Reilly, R.J.: Hyperfractionated total body irradiation for bone marrow transplantation. Results in seventy leukemia patients with allogeneic transplants. Int. J. Radiation Oncology, 9: 1607-1611, 1983.
100. Condie, R.M., O'Reilly, R.J.: Prevention of cytomegalovirus infection by prophylaxis with an intravenous, hyperimmune, native, unmodified cytomegalovirus globulin. Randomized trial in bone marrow transplant recipients. Am. J. Med., 76(3A): 134-141, 1984.

101. Condie, R.M., O'Reilly, R.J.: Prevention of cytomegalovirus infection in bone marrow transplant recipients by prophylaxis with an intravenous, hyperimmune cytomegalovirus globulin. In: Plotkin SA, Michelson S, Pagano JS, Rapp F, eds: *CMV: Pathogenesis and prevention of human infection*, Birth Defects: Original Article Series, Vol. 20, Alan R. Liss, Inc, New York, 327-344, 1984.
102. Dinsmore, R., Kirkpatrick, D., Flomenberg, N., Gulati, S., Kapoor, N., Shank, B., Reid, A., Groshen, S., O'Reilly, R.J.: Allogeneic bone marrow transplants for patients with acute non-lymphocytic leukemia. Blood, 63: 649-656, 1984.
103. Gupta, S., Kapoor, N., O'Reilly, R., Good, R.A.: Autologous mixed lymphocyte reaction in man. XII. Deficiency of the autologous mixed lymphocyte reaction in patients undergoing allogeneic bone marrow transplantation. Relationship with chronic graft-versus-host disease. J. Clin. Lab. Immunol., 14: 173-175, 1984.
104. Mertelsmann, R., Welte, K., Sternberg, C., O'Reilly, R.J., Moore, M.A.S., Clarkson, B.D., Oettgen, H.F.: Treatment of immunodeficiency with interleukin-2: Initial exploration. J. Biol. Response Modifiers, 4: 483-490, 1984.
105. O'Reilly, R.J., Kirkpatrick, D., Kapoor, N., Cunningham-Rundles, S., Pollack, M.S., Dupont, B., Hodes, M.Z., Collins, N., Brochstein, J., Reisner, Y.: Transplants of histoincompatible parental marrow depleted of T cells by differential agglutination with soybean lectin and E-rosette depletion for the treatment of severe combined immune deficiency. In: Griscelli C, Vossen J, (Eds): Progress in Immunodeficiency Research & Therapy I: Elsevier Science Publishers, 385-392, 1984.
106. Reisner, Y., Kapoor, N., Good, R.A., O'Reilly, R.J.: Allogeneic bone marrow transplantation in mouse, monkey and man using lectin-separated grafts. In: Slavin S, ed: Tolerance In Bone Marrow & Organ Transplantation. Amsterdam: Elsevier Science Publishers, 293-308, 1984.
107. Welte, K., Ciobanu, N., Moore, M.A.S., Gulati, S., O'Reilly, R.J., Mertelsmann, R.: Defective interleukin-2 production in patients after bone marrow transplantation and in vitro restoration of defective T-lymphocyte proliferation by highly purified interleukin-2. Blood, 64: 380-385, 1984.
108. Bloom, R.E., Brennan, J.K., Sullivan, J.L., Chaganti, R.S.K., Dinsmore, R., O'Reilly, R.J.: Lymphoma of host origin in a marrow transplant recipient in remission of acute myeloid leukemia and receiving cyclosporine. Am. J. Hematology, 18: 73-83, 1985.
109. Ebell, W., Castro-Malaspina, H., Moore, M.A.S., O'Reilly, R.J.: Depletion of stromal cell elements in human marrow grafts separated by soybean agglutinin. Blood, 65: 1105-1111, 1985.
110. Gulati, S., Fedorciw, B., Gopal, A., Straus, D., Koziner, B., Yopp, J., Lee, B., O'Reilly, R.J., Clarkson, B.: Autologous stem cell transplant for poor prognosis diffuse hystiocytic lymphoma. In: Dicke KA, Spitzer G, Zander AR, eds: Autologous Bone Marrow Transplantation. Proceedings of the First International Conference on Malignant Lymphoma. Univ. of Texas, M.D. Anderson Hospital and Tumor Institute at Houston, 7581, 1985.
111. Gulati, S., Gandola, L., Vega, R., Lee, B., Mertelsmann, R., Koziner, B., Straus, D., O'Reilly, R.J., Clarkson, B.: Autologous bone marrow transplantation in malignant lymphomas. In: Veronesi U, Polli E, Bonadonna G, Santoro A, Emanuelli H (eds): XXV Corso Superiore di Oncologia Clinica, April, 1984. Casa Editrice Ambrosiana, Milano, Leucemie e Linfomi: Diagnosi E Terapia, 335-338, 1985.
112. Gulati, S., Gee, T., Kempin, S., Dinsmore, R., O'Reilly, R.J., Clarkson, B.: New therapeutic approaches in adult lymphoblastic leukemia. In: Veronesi U, Polli E, Bonadonna G, Santoro A, Emanuelli H. Eds: XXV Corso Superiore Di Oncologia Clinica, April, 1984, Casa Editrice Ambrosiana, Milano. Leucemie e Linfomi: Diagnosi E Terapia, 249-256, 1985.

113. Gulati, S., Shank, B., Straus, D., Koziner, B., Lee, B., Mertelsmann, R., Dinsmore, R., Gee, T., Vega, R., Yopp, J., O'Reilly, R.J., Clarkson, B.: Autologous stem cell transplant for poor prognosis lymphoma. In: Cavalli F, Bonadonna C, Rozenzweig M, eds: Malignant Lymphomas and Hodgkin's Disease: Experimental and Therapeutic Advances. Boston: Martinus Nijhoff Publishers, 513-520, 1985.
114. Kernan, N.A., Burns, M.J., Collins, N.H., O'Reilly, R.J., Dupont, B.: Limiting dilution microculture assay for quantitation of T lymphocytes in bone marrow. Transplant. Proc., 17: 437-439, 1985.
115. Kernan, N., Flomenberg, N., Collins, N.H., O'Reilly, R.J., Dupont, B.: Quantitation of T lymphocytes in human bone marrow by a limiting dilution assay. Transplantation, 40: 317-322, 1985.
116. Merluzzi, V.J., Welte, K., Last-Barney, K., Mertelsmann, R., Souza, L., Boone, T., Savage, D.M., Quinn, D., O'Reilly, R.J.: Production and response to interleukin 2 in vitro and in vivo after bone marrow transplantation in mice. J. Immunol., 134: 2426-2430, 1985.
117. O'Reilly, R.J., Collins, N.H., Dinsmore, R., Kernan, N., Siena, S., Brochstein, J., Kirkpatrick, D., Flomenberg, N., Reisner, Y., Shank, B., Dupont, B., Keever, C.: Transplants of HLA histoincompatible marrow after in vitro depletion of marrow T cells for the treatment of lethal disorders of hematopoiesis: Current limitations and potential. In: Grignani F, Martelli MF, Mason DY, eds: Monoclonal Antibodies in Haematopathology. New York: Sero Symposium Publications From Raven Press, 127-137, 1985.
118. O'Reilly, R.J., Collins, N., Kernan, N., Brochstein, J., Dinsmore, R., Kirkpatrick, D., Siena, S., Keever, C., Jordan, B., Shank, B., Wolf, L., Dupont, B., Reisner, Y.: Transplantation of marrow depleted of T cells by soybean lectin agglutination and E-rosette depletion: Major histocompatibility complex - related graft resistance in leukemic transplant recipients. Trans. Proc., 17: 455-459, 1985.
119. O'Reilly, R.J., Collins, N., Dinsmore, R., Kernan, N.A., Siena, S., Brochstein, J., Kirkpatrick, D., Flomenberg, N., Shank, B., Dupont, B., Keever, C., Reisner, Y.: Transplantation of HLA mismatched marrow depleted of T cells by lectin agglutination and E-Rosette depletion. The Tokai J. Exp. and Clinical Med., 10: 99-107, 1985.
120. Siena, S., Castro-Malaspina, H., Gulati, S., Lu, L., Colvin, M.A., Clarkson, B.D., O'Reilly, R.J., Moore, M.A.S.: Effects of in vitro purging with 4-hydroperoxycyclophosphamide on the hematopoietic and microenvironment elements of human bone marrow. Blood, 65: 655-662, 1985.
121. Siena, S., Castro-Malaspina, H., Gulati, S.C., Lu, L., O'Reilly, R.J., Clarkson, B.D., Moore, M.A.S.: In vitro purging with 4-hydroxyperoxycyclophosphamide and stromal elements of human bone marrow. In: Cavalli F, Bonadonna C, Rozenzweig M, eds: Malignant Lymphomas and Hodgkin's Disease: Experimental and Therapeutic Advances. Boston: Martinus Nijhoff Publishers, 521-528, 1985.
122. Smith, A.S., O'Reilly, R.J., Hansen, J.A., Martin, P.J.: Specific antibody blocking activities in anti-lymphocyte globulin as correlates of efficacy for the treatment of aplastic anemia. 26th Annual Meeting of the American Society of Hematology, Miami Beach, December, 1984. Blood, 66: 721-723, 1985.
123. Platsoucas, C., Chae, F.H., Collins, N., Kernan, N.A., Laver, J., Ellingsen, T., Stenstad, P., Bjorgum, J., Rembaum, A., O'Reilly, R.J., Ugelstad, J.: The use of magnetic monosized polymer particles for the removal of T cells from human bone marrow cell suspensions. In Rembaum, A. (ed): Microspheres: Medical and Biological Applications. CRC Press, Inc. 1985.
124. Welte, K., Kolitz, J.E., Merluzzi, V.J., Flomenberg, N., Engert, A., Miller, G.A., Holloway, K., Sykora, K.W., Venuta, S., Bradley, E., O'Reilly, R.J., Oettgen, H.F., Mertelsmann, R.: The role of interleukin 2 in human immunodeficiency states. Intl. Lymphokine Workshop 1984 at Schlob Elmau, W. Germany. In: Sorg C, Schimpl A (eds.): Cellular and Molecular Biology of Lymphokines Academic Press. 755-759, 1985.

125. Anderson, W.F., Kantoff, P., Eglitis, M., McLachlin, J., Karson, E., Zweibel, J., Nienhuis, A., Karlsson, S., Blaese, R.M., Kohn, D., Gilboa, E., Armentano, D., Zanjani, E.D., Glake, A., Harrison, M.R., Gillio, A., Bordignon, C., O'Reilly, R.J.: Gene transfer and expression in nonhuman primates using retroviral vectors. Cold Spring Harbor Symposium on Quantitative Biology, 51: 1065-1081, 1986.
126. Brochstein, J.A., Kirkpatrick, D., Giardina, P.J., Weinberg, R.S., Alter, B.P., Driscoll, C., Wolfe, L., Shank, B., O'Reilly, R.J.: Bone marrow transplantation in two multiply-transfused patients with thalassaemia major. Brit. J. Haematol., 63: 445-456, 1986.
127. Cunningham-Rundles, C., O'Reilly, R.J.: Association of circulating immune complexes containing bovine proteins and graft-versus-host disease. Clin. Exp. Immunol., 64: 323-329, 1986.
128. Kantoff, P.W., Gillio, A., McLachlin, J.R., Flake, A.W., Eglitis, M.A., Moen, R., Karlsson, S., Kohn, D.B., Karson, E., Zweibel, J.A., Bordignon, C., Hutton, J.J., Harrison, M.R., Blaese, R.M., Nienhuis, A., Gilboa, E., Zanjani, E.D., O'Reilly, R.J., Anderson, W.F.: Retroviral mediated gene transfer into hematopoietic cells. Transactions of the Association of American Physicians Volume 99: 1986.
129. Kernan, N.A., Collins, N.H., Juliano, L., Cartagena, T., Dupont, B., O'Reilly, R.J.: Clonable T lymphocytes in T-cell depleted bone marrow transplants correlate with development of graft versus host disease. Blood, 68: 770-773, 1986.
130. Messina, C., Kirkpatrick, D., Fitzgerald, A., O'Reilly, R.J., Siegal, F.P., Cunningham-Rundles, C., Blaese, M., Oleske, J., Pahwa, S., Lopez, C.: Natural killer cell function and interferon generation in patients with primary immunodeficiencies. Clin. Immunology. Immunopathol., 39: 394-404, 1986. (P).
131. O'Reilly, R.J., Brochstein, J., Collins, N., Keever, C., Kapoor, N., Kirkpatrick, D., Kernan, N., Dupont, B., Burns, J., Reisner, Y.: Evaluation of HLA-haplotype disparate parental marrow grafts depleted of T lymphocytes by differential agglutination with a soybean lectin (SBA) and E-rosette depletion, for the treatment of severe combined immunodeficiency. Vox Sang., 51: 81-86, 1986.
132. O'Reilly, R.J., Collins, N.H., Brochstein, J., Kernan, N., Keever, C., Castro-Malaspina, H., Flomenberg, N., Laver, J., Gulati, S., Burns, J., Emanuel, D., Bordignon, C., Small, T., Hornick, D., Kushner, B., Shank, B.: Soybean lectin agglutination and E-rosette depletion for removal of T-cells from HLA-identical marrow grafts: Results in 60 consecutive patients transplanted for hematologic malignancy. In: Hagenbeck A, Lowenberg B, eds: Minimal Residual Disease in Acute Leukemia. Dordrecht, The Netherlands: Martinus Nijhoff, 337-344, 1986.
133. Pollack MS, O'Reilly RJ, Koziner B, Good RA, Hoffmann MK.: Reconstitution of in vitro humoral immune function in bone marrow transplant recipients. Immunobiology, 171(1-2):93-111, 1986.
134. O'Reilly, R.J., Keever, C., Kernan, N., Flomenberg, N., Dupont, B., Collins, N., Brochstein, J., Kirkpatrick, D., Kapoor, N., Burns, J., Reisner, Y.: Investigation of humoral immune deficiencies following T-cell depleted HLA-haplotype mismatched parental marrow transplants for the treatment of severe combined immunodeficiency. Proceedings of the Primary Immunodeficiency Diseases Workshop, Gmunden, Austria 8/85. In: M.M. Eibl, F.S. Rosen, (eds), Primary Immunodeficiency Diseases. Elsevier Science Publishers BV, Amsterdam, 301-306, 1986.
135. Pollack, S., O'Reilly, R.J., Koziner, B., Good, R.A., Hoffmann, M.K.: Reconstitution of in vitro humoral immune function in bone marrow transplant recipients. Immunobiol. 171: 93-111, 1986.
136. Bordignon, C., Kernan, N.A., Keever, C.A., Benazzi, E., Small, T.N., Brochstein, J., Cunningham, I., Collins, N.H., Emanuel, D., Laver, J., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Burns, J., Shank, B., Dupont, B., O'Reilly, R.J.: The role of residual host immunity in graft failures following T-cell-depleted marrow transplants for leukemia. 6/86 Intl. Symposia/Roma. Normal and Neoplastic Blood Cells: From Genes to Therapy. Annals of the New York Academy of Sciences, 511: 442-446, 1987.

137. Bordignon, C., Kernan, N.A., Keever, C.A., Cartagena, T., Benazzi, E., Burns, J., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft failures following SBA⁺ T-cell depleted marrow transplants for leukemia: in vitro correlates. In: F. Grignani and Y. Reisner (eds): T Cell Depletion in Allogeneic Bone Marrow Transplantation, Serona Symposia Review, 13:57-60, 1987.
138. Brochstein, J., Kernan, N.A., Groshen, S., Cirrincione, C., Shank, B., Emanuel, D., Laver, J., O'Reilly, R.J.: Allogeneic bone marrow transplantation following hyperfractionated total body irradiation and cyclophosphamide for children with acute leukemia. N. Engl. J. Med., 317: 1618-1624, 1987.
139. Cunningham, I., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Shank, B., Collins, N.H., Keever, C.A., O'Reilly, R.J.: Improved results of bone marrow transplantation (BMT) for chronic myelogenous leukemia (CML) using marrow depleted from T-cells by soybean lectin agglutination and E-rosette depletions. in: Gale RP, Champlin R (eds). Progress In Bone Marrow Transplants. UCLA Symposia on Molecular and Cellular Biology, New Series, Vol. 53. Alan R. Liss, Inc. N.Y. 1987.
140. Emanuel, D., Peppard, J., Chehimi, J., Hammerling, U., O'Reilly, R.J.: The diagnostic, prophylactic and therapeutic uses of monoclonal antibodies to human cytomegalovirus. Transplant. Proc. XIX, 6:(Suppl 7): 132-137, 1987.
141. Feig, S.A., Nesbit, M.E., Buckley, J., Lampkin, B., Bernstein, I.D., Kim, T.H., Piomelli, S., Kersey, J.H., Coccia, P.F., O'Reilly, R.J., August, C., Thomas, E.D., Hammond, G.D.: Bone marrow transplantation for acute non-lymphocytic leukemia: a report from the Childrens Cancer Study Group of sixty-seven children transplanted in first remission. Bone Marrow Transplantation, 2: 365-374, 1987.
142. Gillio, A.P., Bonilla, M.A., Potter, G.K., Gabrilove, J.L., O'Reilly, R.J., Souza, L., Welte, K.: Effects of recombinant human Granulocyte-colony stimulating factor on hematopoietic reconstitution after autologous bone marrow transplantation in primates. Transplant. Proc. XIX: 6(Suppl 7): 153-156, 1987.
143. Gillio, A., Bordignon, C., Kernan, N., Kantoff, P., Eglitis, M., McLachlin, J., Karson, E., Yu, S.F., Zwiebel, J., Nienhuis, A., Karlsson, S., Blaese, M., Kohn, D., Armentano, D., Gilboa, E., Anderson, W.F., O'Reilly, R.J.: Retroviral vector-mediated gene transfer and expression in nonhuman primates following autologous bone marrow transplantation. In: Normal and Neoplastic Blood cells: From Genes to Therapy, Annals of the New York Academy of Sciences, 51: 406-417, 1987.
144. Gulati, S., Shank, B., Black, P., Yopp, J., Koziner, B., Straus, D., Castro-Malaspina, H., Cunningham, I., Coleman, M., Atzpodien, J., Shum, K., Kwon, J., Shimazaki, C., Colvin, O.M., Fuks, Z., O'Reilly, R.J., Clarkson, B.: Optimum timing of autologous bone marrow transplantation for patients with large B-cell lymphoma. In: Dicke K, Spitzer G, Jorgensen S (eds.): Autologous Bone Marrow Transplantation. Proceedings, 3rd Intl. Symp., Univ. of Texas, MD Anderson Hospital and Tumor Institute, 279-295, 1987.
145. Kantoff, P.W., Gillio, A., McLachlin, J.R., Bordignon, C., Eglitis, M.A., Kernan, N.A., Moen, R.C., Kohn, D.B., Yu, S.-F., Karson, E., Karlsson, S., Zwiebel, J.A., Gilboa, A., Blaese, R.M., Nienhuis, A., O'Reilly, R.J., Anderson, W.F.: Expression of human adenosine deaminase in nonhuman primates after retrovirus-mediated gene transfer. J. Exp. Med. 166: 219-234, 1987.
146. Keever, C.A., Gillio, A.P., Levick, J., Bonilla, M.A., O'Reilly, R.J., Welte, K.: Effects of in vivo administration of human recombinant IL-2 to cynomolgus monkeys after autologous bone marrow transplantation. Transplant. Proc. XIX: 6(Suppl 7): 157-161, 1987.
147. Keever, C.A., Welte, K., Small, T.N., Sullivan, M., Pecora, A.L., Evan, R.L., O'Reilly, R.J.: Interleukin 2 activated killer cells in patients following transplants of soybean lectin separated and E-rosette depleted bone marrow. Blood, 70: 1893-1903, 1987.

148. Keever, C.A., Welte, K., Sullivan, M., O'Reilly, R.J.: Phenotype and functional characterization of NK and LAK cells following T-depleted bone marrow transplantation. In: Truitt RL, Gale RP, Bortin M. (eds): Cellular Immunotherapy of Cancer. Progress in Clinical and Biological Research, Alan Liss (New York), 244: 423-432, 1987.
149. Kernan, N.A., Bordignon, C., Collins, N.H., Castro-Malaspina, H., Cunningham, I., Brochstein, J., Shank, B., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft failures following SBA⁺E⁻ T-cell depleted marrow transplants for leukemia: Clinical features and results of secondary transplants. In: F. Grignani and Y. Reisner (eds), T-Cell Depletion in Allogeneic Bone Marrow Transplantation, Serono Symposia Review 13: 169-172, 1987.
150. Kernan, N.A., Bordignon, C., Keever, C.A., Cunningham, I., Castro-Malaspina, H., Collins, N.H., Small, T.N., Brochstein, J., Emanuel, D., Laver, J., Shank, B., Burns, J., Flomenberg, N., Gulati, S., Dupont, B., O'Reilly, R.J.: Graft failures following T cell depleted marrow transplants for leukemia. Clinical and In vitro characteristics. Transplant. Proc. XIX: 6(Suppl 7): 29-32, 1987.
151. Kernan, N.A., Collins, N.H., Cunningham, I., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Brochstein, J., Emanuel, D., Laver, J., Keever, C., Bordignon, C., Burns, J., Frame, J., Small, T., Gillio, A., Bonilla, M.A., Pecora, A., Kushner, B., Quijana, C., Pelus, L., Welte, K., O'Reilly, R.J.: Prevention of GvHD in HLA-identical marrow grafts by removal of T-cells with soybean agglutinin and SRBCs. Bone Marrow Transplantation, 2: 13-17, 1987.
152. Kernan, N.A., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft rejection in recipients of T cell depleted HLA non-identical marrow transplants for leukemia: Identification of host derived anti-donor allocytotoxic T-lymphocytes. Transplantation, 43: 842-847, 1987. (P)
153. Laver, J., Jhanwar, S.C., O'Reilly, R.J., Castro-Malaspina, H.: Human hematopoietic microenvironment following allogeneic bone marrow transplantation. Blood, 70: 1966-1968, 1987.
154. O'Reilly, R.J., Keever, C.A., Kernan, N.A., Brochstein, J., Collins, N.H., Flomenberg, N., Laver, J., Emanuel, D., Dupont, B., Cunningham, I., Castro-Malaspina, H., Gulati, S.: HLA non-identical T-cell depleted marrow transplants: A comparison of results in patients treated for leukemia and severe combined immunodeficiency. Transplant. Proc. XIX: 6(Suppl 7): 55-60, 1987.
155. O'Reilly, R.J., Kernan, N.A., Cunningham, I., Brochstein, J., Collins, N.H., Laver, J., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Emanuel, D., Bordignon, C., Keever, C.A., Shank, B.: Soybean lectin agglutination and E-rosette depletion for removal of T-cells from HLA-identical and non-identical marrow grafts administered for the treatment of leukemia. In: F. Grignani and Y. Reisner (eds), T-Cell Depletion in Allogeneic Bone Marrow Transplantation, Serono Symposia Review, 13: 123-130, 1987.
156. Rosenkrantz, K., Keever, C., Kirsch, J., Horvath, A., Bhimani, K., O'Reilly, R.J., Dupont, B., Flomenberg, N.: In vitro correlates of graft host tolerance after HLA matched and mismatched marrow transplants: Suggestions from limiting dilution analysis. Transplant Proc. XIX: 6(Suppl 7): 98-103, 1987.
157. Small, T.N., Knowles, R.W., Keever, C.A., Kernan, N.A., Collins, N.H., O'Reilly, R.J., Dupont, B., Flomenberg, N.: M241 (CD1) expression in B lymphocytes. J. Immunology, 138: 2864-2868, 1987.
158. Welte, K., Bonilla, M.A., Gahrilove, J., Gillio, A., Potter, G.K., Moore, M.A.S., O'Reilly, R.J., Boone, T.C., Souza, L.: Recombinant human granulocyte-colony stimulating factors: in vitro and in vivo effects on myelopoiesis. Blood Cells, 13: 17-30, 1987.
159. Welte, K., Bonilla, M.A., Gillio, A., Boone, T.C., Potter, G.K., Gahrilove, J.L., Moore, M.A.S., O'Reilly, R.J., Souza, L.M.: Recombinant human granulocyte colony-stimulating factor. Effects on hematopoiesis in normal and cyclophosphamide-treated primates. J. Exp. Med., 165: 941-948, 1987.

160. Welte, K., Keever, C.A., Levick, J., Bonilla, M.A., Merluzzi, V.J., Mertelsmann, R., Evans, R., O'Reilly, R.J.: Interleukin-2 production and response to interleukin-2 by peripheral blood mononuclear cells from patients after bone marrow transplantation: II. Patients receiving soybean lectin separated and T cell depleted bone marrow. Blood. 70: 1595-1603, 1987.
161. Kohn DB, Kantoff PW, Eglitis MA, McLachlin JR, Moen RC, Karson E, Zwiebel JA, Nmienhuis A, Karlsson S, O'Reilly RJ, et al.: Retroviral-mediated gene transfer into mammalian cells. Blood Cells; 13(1-2):285-98,1987.
162. Brochstein, J.A., Kernan, N.A., Emanuel, D., Laver, J., Gillio, A., Small, T., O'Reilly, R.J.: Allogeneic marrow transplantation for children with leukemia. Cancer Chemotherapy: Challenges for the Future 3: 50-56, 1988.
163. Emanuel, D., Cunningham, I., Jules-Elysee, K., Brochstein, J., Kernan, N.A., Laver, J., Stover, D., White, D.A., Fels, A., Polsky, B., Castro-Malaspina, H., Peppard, J., Bartus, P., Hammerling, U., O'Reilly, R.J.: Cytomegalovirus pneumonia after bone marrow transplantation successfully treated with the combination of ganciclovir and high-dose intravenous immune globulin. Annals of Internal Medicine, 109: 777-782, 1988.
164. Gulati, S.C., Shank, B., Black, P., Yopp, J., Koziner, B., Straus, D., Kempin, S., Castro-Malaspina, H., Cunningham, I., Berman, E., Coleman, M., Langleben, A., Colvin, O.M., Fuks, Z., O'Reilly, R.J., Clarkson, B.: Autologous bone marrow transplantation for patients with poor-prognosis lymphoma. Jnl. Clin. Onc. 6: #8, 1303-1313, 1988.
165. Keever, C.A., Benazzi, E., Kernan, N.A., Welte, K., O'Reilly, R.J., Bordignon, C.: Radiosensitivity of NK lytic activities and NK mediated hematopoietic colony inhibition: Effect of activation with IL-2. Cellular Immunology, 113: 143-157, 1988.
166. Keever, C.A., Flomenberg, N., Brochstein, J., Sullivan, M., Collins, N.H., Burns, J., Dupont, B., O'Reilly, R.J.: Tolerance of engrafted donor T cells following bone marrow transplantation for severe combined immunodeficiency. Clinical Immunology and Immunopathology 48: 261-276, 1988.
167. Kernan, N.A., Byers, V., Scannon, P.J., Mischak, R.P., Brochstein, J., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Treatment of steroid resistant acute graft versus host disease by in vivo administration of an anti-T-cell ricin-A chain immunotoxin. JAMA, 259: 3154-3157, 1988.
168. Laver, J., Castro-Malaspina, H., Kernan, N.A., Levick, J., Evans, R.L., O'Reilly, R.J., Moore, M.A.S.: In vitro gamma interferon production by expanded T-cells in severe aplastic anemia: correlation with granulomonopoietic inhibition in patients who respond to anti-thymocyte globulin. British Journal of Hematology, 69: 545-550, 1988.
169. O'Reilly, R.J., Brochstein, J., Kernan, N.A., Small, T.N., Keever, C.: Fetal liver transplantation in man. Report of the Human Fetal Tissue Transplantation Research Panel, Vol II, Appendix D, 230a-in December 1988.
170. O'Reilly, R.J., Kernan, N.A., Cunningham, I., Brochstein, J., Castro-Malaspina, H., Laver, J., Flomenberg, N., Emanuel, D., Gulati, S., Keever, C., Small, T., Collins, N.H., Bordignon, C.: Allogeneic transplants depleted of T cells by soybean lectin agglutination and E rosette depletion. Bone Marrow Transplantation, 3(Suppl 1): 3-6, 1988.
171. O'Reilly, R.J., Kernan, N.A., Cunningham, I., Brochstein, J., Keever, C., Small, T., Bordignon, C.: T-cell depleted marrow transplants for the treatment of leukemia. UCLA Symposium on Molecular and Cellular Biology, In: Gale, R.P., Champlin, R. (eds): New Series Volume 91. Alan R. Liss, New York, 1988.
172. Shank, B., Brochstein, J.A., Castro-Malaspina, H., Yahalom, J., Bonfiglio, P., O'Reilly, R.J.: Immunosuppression prior to marrow transplantation for sensitized aplastic anemia patients: Comparison of TLI with TBI. Int. J. Radiation Oncology Biol. Phys., 14: 1133-1141, 1988.
173. Alter BP, Weinberg RS, Brochstein JA, O'Reilly RJ.: Erythropoiesis following bone marrow transplantation for thalassemia major. Birth Deffects Orig Artic Ser; 23(5B):317-21,1988.

174. Gottesman L, Turnbull AD, O'Reilly RJ.: Surgical implications of hepatic venocclusive disease following bone marrow transplantation. J surgical Oncol; 37(2):113-5, 1988.
175. Anderson, A.E., Schneider, N.R., Allen, G.J., Ranganathan, R., Burns, J., Jhanwar, S.C., Klein, E.A., Cunningham, I., O'Reilly, R.J., Chaganti, R.S.K.: Detection of posttransplant minimal disease chronic myelogenous leukemia by *bcr* rearrangement analysis. Cancer Genet. Cytogenet., 43: 67-71, 1989.
176. Andreeff, M., Haimi, J., Redner, A., Steinherz, P., O'Reilly, R.J., Gray, J., Pinkel, D.: Monitoring of minimal residual disease in leukemia by fluorescence in-situ hybridization using chromosome-specific DNA robes and nucleic acid flow cytometry. *Childhood Leukemia- Why Not Cure All?* H. Riehm, Karger Press, 1989.
177. Bonilla, M.A., Gillio, A.P., Ruggiero, M., Kernan, N.A., Brochstein, J., Fumagalli, L., Vincent, M., Gabrilove, J.L., Welte, K., Souza, L.M., O'Reilly, R.J.: Effects of recombinant human granulocyte colony stimulating factor on neutropenia of patients with congenital agranulocytosis. New England Journal of Medicine, 320: 1574-1580, 1989.
178. Bordignon, C., Keever, C.A., Small, T.N., Flomenberg, N., Dupont, B., O'Reilly, R.J., Kernan, N.A.: Graft failure following T-cell depleted HLA-identical marrow transplants for leukemia II: in vitro analyses of host effector mechanisms. Blood, 74: 2227-2236, 1989.
179. Bordignon, C., Yu, S.F., Smith, C.A., Hantzopoulos, P., Ungers, G.E., Keever, C.A., O'Reilly, R.J., Gilboa, E.: Retroviral vector mediated high efficiency expression of adenosine deaminase in hematopoietic long term cultures of ADA deficient marrow cells. Proceedings of the National Academy of Science, U.S.A. 86: 6748-6752, 1989.
180. Frame, J.N., Collins, N.H., Cartagena, T., Waldmann, H., O'Reilly, R.J., Dupont, B., Kernan, N.A.: T cell depletion of human bone marrow: comparison of Campath-1^a plus complement, anti-T cell ricin a chain immunotoxin, and soybean agglutinin alone or in combination with sheep erythrocytes or immunomagnetic beads. Transplantation, 47: 984-988, 1989.
181. Frame, J.N., Sheehy, D., Cartagena, T., Cirrincione, C., O'Reilly, R.J., Kernan, N.A.: Optimal conditions for in vitro T cell depletion of human bone marrow by Campath-1^a plus complement as demonstrated by limiting dilution analysis. Bone Marrow Transplantation, 4: 55-61, 1989.
182. Garnick, M.B., O'Reilly, R.J.: Clinical promise of new hematopoietic growth factors: M-CSF, IL-3, IL-6. Hematology/Oncology Clinics of North America, 3: 495-509, 1989.
183. Gasparetto, C., Laver, J., Abboud, M., Gillio, A., Smith, C., O'Reilly, R.J., Moore, M.A.S.: Effects of IL-1 on hematopoietic progenitors: Evidence of stimulatory and inhibitory activities in a primate model. Blood, 74: 547-550, 1989.
184. Grant, I.H., Gold, J.W.M., Wittner, M., Tanowitz, H.B., Nathan, C., Mayer, K., Reich, L., Wollner, N., Steinherz, L., Ghavimi, F., O'Reilly, R.J., Armstrong, D.: Transfusion-associated acute Chagas disease acquired in the USA. Ann. Int. Med. III: 849-853, 1989.
185. Gulati, S.C., Shank, B., Sarris, A., Berman, E., Gee, T., Cunningham, I., Flomenberg, M., O'Reilly, R.J., Clarkson, B.: Autologous bone marrow transplant using 4-HC, VP-16 purged bone marrow for acute non-lymphoblastic leukemia. Bone Marrow Transplantation, 4:(Suppl 1), 116-118, 1989.
186. Keever, C.A., Flomenberg, N., Small, T., Brochstein, J., Collins, N., Young-Yang, S., Insel, R., Dupont, B., O'Reilly, R.J.: Loss of tolerance associated with disappearance of B cells in a patient sequentially transplanted with paternal and maternal bone marrow for the treatment of severe combined immunodeficiency disease. Human Immunology, 26: 27-38, 1989.

187. Keever, C.A., Pekle, K., Gazzola, M.V., Collins, N.H., Bolius, J.H., Gillio, A.P., O'Reilly, R.J.: Natural killer and lymphokine-activated killer cell activities from human marrow progenitors: The effects of interleukin-3 and interleukin-4. Blood, 143: 3241-3249, 1989.
188. Keever, C.A., Small, T.N., Flomenberg, N., Heller, G., Pekle, K., Black, P., Kernan, N.A., O'Reilly, R.J.: Immune reconstitution following bone marrow transplantation: Comparison of recipients of T cell depleted marrow with recipients of conventional marrow grafts. Blood, 73: 1340-1350, 1989.
189. Kernan, N.A., Bordignon, C., Heller, G., Cunningham, I., Castro-Malaspina, H., Shank, B., Flomenberg, N., Burns, J., Black, P., Collins, N., Dupont, B., O'Reilly, R.J.: Graft failure following T-cell depleted HLA identical marrow transplants for leukemia: I. analysis of risk factors and results of secondary transplants. Blood, 74: 2227-2236, 1989.
190. Gasparetto, C., Laver, J., Abboud, M., Gillio, A., Smith, C., O'Reilly, R.J., Moore, M.A.S.: Effects of IL-1 on hematopoietic progenitors: Evidence of stimulatory and inhibitory activities in a primate model. Blood, 74: 547-550, 1989.
191. O'Reilly, R.J., Keever, C., Kernan, N.A., Bordignon, C., Flomenberg, N.: Graft host interactions following T-cell depleted marrow transplants. Progress in Immunology, 7: 1185-1194, 1989.
192. Sahdev, I., O'Reilly, R.J., Hoffman, M.K.: Correlation between interleukin-1 production and engraftment of transplanted bone marrow stem cells in patients with lethal immunodeficiencies. Blood, 73: 1712-1719, 1989.
193. Small, T.N., Keever, C., Collins, N., Dupont, B., O'Reilly, R.J., Flomenberg, N.: Characterization of B cells in severe combined immunodeficiency disease. Human Immunology 25: 181-193, 1989.
194. Hume CR, Shookster LA, Collins N, O'Reilly Rj, Lee JS.: Bare lymphocyte syndrome: altered HLA class II expression in B cell lines derived from two patients. Humm Immunol;25(1):1-11
195. Byers, V., Henslee, P.J., Kernan, N.A., Blazar, B.R., Gingrich, R., Phillips, G.L., LeMaistre, C.F., Gilliland, G., Antin, J.H., Vogelsang, G., Martin, P., Tutscha, P.J., Trown, P., Ackerman, S.K., O'Reilly, R.J., Scannon, P.J.: Use of an anti-pan T lymphocyte ricin A chain immunotoxin as targeted immunotherapy in steroid resistant acute graft vs. host disease. Blood, 75: 1426-1432, 1990.
196. Clarkson, B., Berman, E., Little, C., Andreeff, M., Kempin, S., Kolitz, J., Gabrilove, J., Arlin, Z., Mertelsmann, R., Cunningham, I., Castro-Malaspina, H., Gulati, S., O'Reilly, R.J., Gee, T.: Update on clinical trials of chemotherapy and bone marrow transplantation in acute myelogenous leukemia in adults at Memorial Sloan-Kettering Cancer Center (MSKCC) 1966 to 1989. Acute Myelogenous Leukemia:Progress and Controversies: 239-272, 1990.
197. DiSanto, J., Keever, C., Small, T., Nichols, G., O'Reilly, R., Flomenberg, N.: Absence of IL-2 production in a SCID syndrome with T-cells. J. Exp. Med. 171: 1697-1704, 1990.
198. Fleischhauer, K., Kernan, N.A., O'Reilly, R.J., DuPont, B., Yang, S.Y.: Bone marrow allograft rejection by host-derived alloctotoxic T lymphocytes recognizing a single amino acid at position 156 of the HLA-B44 class I antigen. New Eng. J. Med., 323: 1818-1822, 1990.
199. Gillio, A.P., Gasparetto, C., Laver, J., Abboud, M., Bonilla, M.A., Garnick, M.B., O'Reilly, R.J.: Effects of interleukin-3 hematopoietic recovery after 5-fluorouracil or cyclophosphamide treatment of cynomolgus primates. J. Clin. Invest., 85: 1560-1565, 1990.
200. Hauch, M., Gazzola, M.V., Small, T., Bordignon, C., Barnett, L., Cunningham, I., Castro-Malaspina, H., O'Reilly, R.J., Keever, C.A.: Anti-leukemia potential of interleukin-2 activated natural killer cells following bone marrow transplantation for chronic myelogenous leukemia. Blood, 75: 2250-2262, 1990.

201. Incefy, G., Flomenberg, N., Heller, G., Kernan, N., Brochstein, J., Kirkpatrick, D., Kapoor, N., Groshen, S., O'Reilly, R.J.: Evidence that appearance of thymulin in plasma follows lymphoid chimerism and precedes development of immunity in patients with lethal combined immunodeficiency transplanted with T cell-depleted haploidentical marrow. Transplantation, 50: 55-61, 1990.
202. Keever, C.A., Flomenberg, N., Gazzola, M.A., Pekle, K., Yang, S.Y., Small, T.N., Collins, N., O'Reilly, R.J.: Cytotoxic and proliferative T cell clones with anti-donor reactivity from a patient transplanted for severe combined immunodeficiency disease. Human Immunol., 29: 42-55, 1990.
203. Kushner, B.H., O'Reilly, R.J., LaQuaglia, M., Cheung, N.K.: Dose-intensive use of cyclophosphamide in ablation of neuroblastoma. Cancer, 66: 1095-1100, 1990.
204. Laver, J., Duncan, E., Abboud, M., Gasparetto, C., Sahdev, I., Warren, D., Bussel, J., Auld, P., O'Reilly, R.J., Moore, M.A.S.: High levels of granulocyte and granulocyte-macrophage colony-stimulating factors in cord blood of normal full-term neonates. The Journal of Pediatrics, 116: 627-632, 1990.
205. Offit, K., Burns, J.P., Cunningham, I., Jhanwar, S.C., O'Reilly, R.J., Chaganti, S.K.: Cytogenetic analysis of chimerism and leukemia relapse in chronic myelogenous leukemia patients following T-cell depleted bone marrow transplantation. Blood, 75: 1346-1355, 1990.
206. O'Reilly, R.J., Gillio, A., Gasparetto, C.: Effects of hematopoietic growth factors following myeloablation in a primate model. Int. J. Cell Cloning, 8:(Suppl 1): 262-269, 1990.
207. Rosenkrantz, K., Keever C., Bhimani, K., Horvath, A., Brochstein, J., O'Reilly, R.J., Dupont, B., Flomenberg, N.: Both ongoing suppression and clonal elimination contribute to graft-host tolerance following transplantation of HLA mismatched T-cell depleted marrow for severe combined immunodeficiency. J. Immunol., 144: 1721-1728, 1990.
208. Shank, B., O'Reilly, R.J., Cunningham, I., Kernan, N., Yahalom, J., Brochstein, J., Castro-Malaspina, H., Kutcher, G.J., Moham, R., Bonfiglio, P.: Total body irradiation for bone marrow transplantation: The Memorial Sloan-Kettering Cancer Center experience. Radiother Oncol, 18 Suppl 1:68-81, 1990.
209. Small, T.N., Keever, C.A., Weiner-Fedus, S., Heller, G., O'Reilly, R.J., Flomenberg, N.: B cell differentiation following autologous, conventional, or T-cell depleted bone marrow transplantation: A recapitulation of normal B cell ontogeny. Blood, 76: 1647-1656, 1990.
210. Kushner, B.H., Gulati, S.C., O'Reilly, R.J., Heller, G., Cheung, N.K.V.: Autografting with bone marrow exposed to multiple courses of very high-dose cyclophosphamide in vivo and to 4-hydroperoxycyclophosphamide in vitro. Med. Ped. Onc., 18:454-458, 1990.
211. Schneller FR, Gulati SC, Cunningham IB, O'Reilly RJ, Schmitt HJ, Clarkson BD. Fusarium infections in patients with hematologic malignancies. Leukemia Research. 14(11-12):961-6, 1990.
212. Kushner, B.H., O'Reilly, R.J., Mandell, L.R., Gulati, S.C., LaQuaglia, M., Cheung, N.K.V.: Myeloablative combination chemotherapy without total body irradiation for neuroblastoma. J. Clin. Onc., 9: 274-279, 1991.
213. Berman, E., Heller, G., Santorsa, J., McKenzie, S., Gee, T., Sanford, K., Gulati, S., Andreeff, M., Kolitz, J., Gabilove, J., Reich, L., Mayer, K., Keefe, D., Trainor, K., Schluger, A., Penenberg, D., Raymond, V., O'Reilly, R.J., Jhanwar, S., Young, C., Clarkson, B.: Results of a randomized trial comparing idarubicin and cytosine arabinoside with daunorubicin and cytosine arabinoside in adult patients with newly diagnosed acute myelogenous leukemia. Blood, 77: 1666-1674, 1991.

214. Pecora, A., Bordignon, C., Fumagalli, L., Radziejewski, C., Small, T., Pekle, K., O'Reilly, R.J., Keever, C.: Characterization of the in vitro sensitivity of human lymphoid and hematopoietic progenitors to L-leucyl-L-leucine methylester. Transplantation, 51: 524-531, 1991.
215. Smith, C., Gasparetto, C., Collins, N., Gillio, A., Meunch, M., O'Reilly, R.J., Moore, M.A.S.: Purification and partial characterization of a human pre-CFU precursor population. Blood, 78:2122-2128, 1991.
216. Kushner, B.H., Gulati, S.C., Kwon, J-H, O'Reilly, R.J., Exelby, P.R., Cheung, N.K.: High-dose melphalan with 6-hydroxydopamine-purged autologous bone marrow transplantation for poor-risk neuroblastoma. Cancer, 68:242-247, 1991.
217. Brochstein, J.A., Gillio, A.P., Ruggiero, M., Kernan, N.A., Emanuel, D., Laver, J., Small, T.N., O'Reilly, R.J.: Marrow transplantation from human leukocyte antigen-identical or haploidentical donors for correction of Wiskott-Aldrich Syndrome. J. Peds., Vol. 119, 6:907-912, 1991.
218. O'Reilly RJ: Bone marrow transplants in patients lacking an HLA-matched sibling donor. Pediatric Annals, 20: 682-690, 1991.
219. Cornetta K, Morgan RA, Gillio A, Sturm S, Baltrucki L, O'Rielly RJ, Anderson WF.: No retroviremia or pathology in long-term follow-up of monkeys exposed to a murine amphotropic retrovirus. Hum Gene Ther; 2(3):215-9
220. Berman, E., Little, C., Gee, T., O'Reilly, R.J., Clarkson, B.: Reasons that patients with acute myelogenous leukemia do not undergo allogeneic bone marrow transplantation. New England Journal of Medicine, 326:156-160, 1992.
221. Young, J.W., Papadopoulos, E., Cunningham, I., Castro-Malaspina, H., Flomenberg, N., Carabasi, M.H., Gulati, S.C., Brochstein, J.A., Heller, G., Black, P., Collins, N.H., Shank, B., Kernan, N.A., O'Reilly, R.J.: T cell-depleted allogeneic bone marrow transplantation in adults with acute nonlymphocytic leukemia in first remission. Blood, 79: 3380-3387, 1992.
222. Alter, B.P., Knobloch, M.E., He, L., Gillio, A.P., O'Reilly, R.J., Reilly, L.K., Weinberg, R.S.: Effect of stem cell factor and other hematopoietic growth factors on in vitro erythropoiesis in patients with bone marrow failure syndromes. Blood, 80: 3000-3008, 1992.
223. Gerritsen, W.R., Donohue, J., Bauman, J., Jhanwar, S.C., Kernan, N.A., Castro-Malaspina, H., O'Reilly, R.J., Bourhis, J-H.: Clonal analysis of myelodysplastic syndrome: monosomy 7 is expressed in the myeloid lineage, but not in the lymphoid lineage as detected by fluorescent in situ hybridization. Blood, 80: 217-224, 1992.
224. Mackinnon, S., Barnett, L., Bourhis, J.H., Black, P., Heller, G., O'Reilly, R.J.: Myeloid and lymphoid chimerism following T-cell depleted bone marrow transplantation: Evaluation of conditioning regimens using the polymerase chain reaction to amplify human minisatellite regions of genomic DNA. Blood, 80: 3235-3241, 1992.
225. O'Reilly, R.J., Carabasi, M.H., Collins, N.H., Papadopoulos, E., Castro-Malaspina, H., Young, J.W., Maisonette, L., Lebkowski, J.: T-cell depletion and allogeneic bone marrow transplantation. Seminars in Hematology, 29(2):20-26, 1992.
226. Brochstein, J.A., Shank, B., Kernan, N.A., Terwilligen, J.W., O'Reilly, R.J.: Marrow transplantation for thrombocytopenia-absent radii (TAR) syndrome. Journal of Pediatrics, 121:587-589, 1992.
227. Kritz, A., Crown, J., Motzer, R., Gulati, S., Heller, G., Reich, L., Moore, M., Hamilton, N., Yao, T.J., Heelan, R., Schneider, J., Moore, M.A.S., McCormick, B., Gilewski, T., Hakes, T., Quinlivan, S., O'Reilly, R.J., Norton, L.: Beneficial impact of peripheral blood progenitor cells in patients with metastatic breast cancer treated with high-dose chemotherapy plus Gm-CSF: A randomized trial. Cancer, 71: 2515-2521, 1993.

228. O'Reilly, R.J.: Bone marrow transplantation: Editorial overview. Current Opinion in Hematology, 221-222, 1993.
229. Dennig, D. and O'Reilly, R.J.: Dissection of the function of HLA class II and costimulation in B cell-mediated and toxic shock syndrome toxin-1-induced T-cell proliferation. Journal of Immunology, 150: 5231-5240, 1993.
230. Gillio, A.P., Faulkner, L.B., Alter, B.P., Reilly, L., Klafter, R., Heller, G., Young, D.C., Lipton, J.M., Moore, M.A.S., O'Reilly, R.J.: Treatment of Diamond-Blackfan anemia with recombinant human interleukin-3. Blood, 82: 744-751, 1993.
231. Bordignon C, Mavilio F, Ferrari G, Servida P, Ugazio AG, Notarangelo LD, Gilboa E, Rossini S, O'Reilly RJ, Smith CA, et al.: Transfer of the ADA gene into bone marrow cells and peripheral blood lymphocytes for the treatment of patients affected by ADA-deficient SCID. Human Gene Therapy 4:513-20, 1993.
232. Goldman, J.M., Szydlo, R., Horowitz, M.M., Gale, R.P., Ash, R.C., Atkinson, K., Dicke, K.A., Gluckman, E., Herzig, R.H., Marmont A., Masaoka, T., McGlave, P.B., Messner, H., O'Reilly, R.J., Reiffers, J., Rimm, A.A., Speck, B., Verum-Stone, J.A., Wingard J.R., Zwaan F.E., Bortin, M.M.: Choice of pretransplant treatment and timing of transplants for chronic myelogenous leukemia in chronic phase. Blood, 82: 2235-2238, 1993.
233. Dennig, D. and O'Reilly, R.J.: IL-7 induces surface expression of B7/BB1 on pre-B cells and an associated increase in their costimulatory effects of T-cell proliferation. Cellular Immunology, 153: 227-238, 1994.
234. Nesbit, M.E., Buckley, J.D., Feig, S.A., Anderson, J.R., Lampkin, B., Bernstein, I.D., Kim, T.H., Piomelli, S., Kersey, J.H., Coccia, P.F., O'Reilly, R.J., August, C., Thomas, E.D., Hammond, G.D.: Chemotherapy for induction of remission of childhood acute myeloid leukemia followed by marrow transplantation or multiagent chemotherapy: A report from the Childrens Cancer Group. Journal of Clinical Oncology, 12: 127-135, 1994.
235. Papadopoulos, E., Ladanyi, M., Emanuel, D., Mackinnon, S., Rosenfield, N., Boulad, F., Carabasi, M.H., Castro-Malaspina, H., Childs, B.H., Gillio, A.P., Small, T.N., Young, J.W., Kernan, K.A., O'Reilly, R.J.: Infusions of donor leukocytes as treatment of Epstein-Barr virus associated lymphoproliferative disorders complicating allogeneic marrow transplantation. New England Journal of Medicine, 330: 1185-1191, 1994.
236. Mackinnon, S., Barnett, L., Heller, G., O'Reilly, R.J.: Minimal residual disease is more common in patients who have mixed T-cell chimerism following bone marrow transplantation for chronic myelogenous leukemia. Blood, 83: 3409-3416, 1994.
237. Gasparetto, C., Smith, C., Gillio, A., Stoppa, A.M., Moore, M.A.S., O'Reilly, R.J.: Enrichment of peripheral blood stem cells in a primate model following administration of a single dose of rh-IL-1 β . Bone Marrow Transplantation, 14: 717-723, 1994.
238. Gasparetto C., Smith, C., Firpo, M., Dennig, D., Small, T., Gillio, A., Lichtenberg, R., O'Reilly, R.J., Moore, M.A.S.: Dyshematopoiesis in combined immune deficiency with congenital neutropenia. American Journal of Hematology, 45: 63-72, 1994.
239. Boulad, F., Gillio, A., Small, T.N., Bonilla, M.A., Philips, P., Ruggiero, M., Emanuel, D., O'Reilly, R.J., Kernan, N.A.: Correction of neutropenia with rHuG-CSF after loss of response to rHuGM-CSF following an autologous bone marrow transplant. Bone Marrow Transplantation, 13:661-663, 1994.
240. Gerritsen, W.R. and O'Reilly, R.J.: Granulocyte colony-stimulating factor (CSF) but not interleukin-1 (IL-1), IL-3, and granulocyte-macrophage CSF protect bone marrow progenitor cells from suppression by allosensitized cytotoxic T-cells. Blood, 84(6):1906-1912, 1994.
241. Walters, M., Sullivan, K.M., O'Reilly, R.J., Boulad, F., Blume, K., Amylon, M., Johnson, L., Klemperer, M., Graham-Pole, J., Appelbaum, F.R., Bernstein, I., Hansen, J.A., Sanders, J.E., Storb, R., Thomas, E.D.: Bone marrow transplantation for thalassemia: The United States experience. American Journal of Pediatric Hematology/Oncology, 16(1):11-17, 1994

242. Dennig,D., Lacerda,J., Yan, Y., Gasparetto,C., O'Reilly, R.J.: ICAM-1 (CD54) expression on B lymphocytes is associated with their costimulatory function and can be increased by coactivation with IL-1 and IL-7. Cellular Immunology, 156:414-423, 1994.
243. Nemunaitis, J., Ross, M., Meisenberg, B., O'Reilly, R.J., Lilleby, K., Buckner, C.D., Appelbaum, F.R., Buhles, W., Singer, J., Peters, W.P.: Phase I study of recombinant human interleukin-1 β (rhIL-1 β) in patients with bone marrow failure. Bone Marrow Transplantation, 14:583-588, 1994.
244. Castro-Malaspina H., Childs B., Laver J., Shank B., Brochstein J., Gillio A., Flomenberg N., Young J., Boulad F., Black P., Kernan N.A., Fuks Z., O'Reilly R.J.: Hyperfractionated total lymphoid irradiation and cyclophosphamide for preparation of previously transfused patients undergoing HLA-identical marrow transplantation for severe aplastic anemia. Int. J. Radiation Oncology, 29(4):847-854, 1994.
245. Kernan N.A., Schroeder M.L., Ciavarella D., Preti R.A., Rubinstein P., O'Reilly R.J.: Umbilical cord blood infusion in a patient for correction of Wiskott-Aldrich Syndrome. Blood Cells, 20:245-248, 1994.
246. Jurcic J.G., Caron P.C., Papadopoulos E.B., Mackinnon S., Divgi C.R., Finn R.D., Sgouros G., Larson S.M., Miller, W.H. Jr., Yao T.J., Warrell R.P. Jr., O'Reilly R.J., Scheinberg D.A. ¹³¹ Iabeled M195 for myeloid leukemias. J Immunother, 16:161, 1994.
247. Mackinnon, S., Papadopoulos, E.B., Carabasi, M.H., Reich, L., Collins, N.H., Boulad, F., Castro-Malaspina, H., Childs, B.H., Gillio, A.P., Kernan, N.A., Small, T.N., Young, J.W. and O'Reilly, R.J.: Adoptive immunotherapy evaluating escalating doses of donor leukocytes for relapse of chronic myeloid leukemia following bone marrow transplantation: separation of Graft-versus-Host leukemia responses from Graft-versus-Host disease. Blood, 86 (4) 1261-1268, 1995.
248. Lacerda, J.F., Goker, E., Kheradpour, A., Dennig, D., Elisseyeff, Y., Jagiello, C, O'Reilly, R.J. and Bertino, J.R.: Selective treatment of SCID mice bearing methotrexate-transport-resistant human acute lymphoblastic leukemia tumors with trimetrexate and leucovorin protection. Blood, 85(10):2675-9, 1995.
249. Mackinnon, S., Papadopoulos, E.B., Carabasi, M.H., Reich, L., Collins, N.H. and O'Reilly, R.J.: Adoptive immunotherapy using donor leukocytes following bone marrow transplantation for chronic myeloid leukemia: is T cell dose important in determining biological response?: Bone Marrow Transplantation 15: 591-4, 1995.
250. Marijt, W.A.F., Kernan, N.A., Diaz-Barrientos, Th., Veenhof, W.F.J., O'Reilly, R.J., Willemze, R. and Falkenburg, J.H.F.: Multiple minor histocompatibility antigen-specific cytotoxic T lymphocyte clones can be generated during graft rejection after HLA-identical bone marrow transplantation. Bone Marrow Transplantation 16: 125-32, 1995.
251. Lacerda, J.F., Ladanyi, M., Louie, D.C., Jagiello, C., Fernandez, J.M., Papadopoulos, E.B., O'Reilly, R.J.: Human EBV-specific cytotoxic T lymphocytes home preferentially to and induce selective regressions of autologous EBV-induced B-cell lymphoproliferations in xenografted C.B-17 scid/scid mice. J of Exp Med, 183: 1215-28, 1996.
252. Dennig, D., Yan, Y., Ferguson, K., O'Reilly, R.J.: A novel HLA class II-independent TCR-mediated T cell activation mechanism is distinguished by the V β specificity of the proliferating oligoclonal and their capacity to generate IL-2. Cellular Immunology, 171:200-10, 1996.
253. Lucas, KG, Small TN, Heller G, Dupont B, O'Reilly, RJ: The development of cellular immunity to Epstein-Barr virus following allogeneic bone marrow transplantation. Blood, 87: 2594-603, 1996.
254. Lacerda JF, Ladanyi M, Jagiello C, O'Reilly RJ. Administration of rabbit anti-asialo GM1 antiserum facilitates the development of human EBV-induced lymphoproliferations in xenografted C.B-17 scid/scid mice. Transplantation, 61:492-7, 1996.
255. Sahdev, I., O'Reilly, R, Black, P, Heller, G, Hoffmann, M.: Interleukin-1 production following T-cell -depleted and unmodified marrow grafts. Pediatric Hematology and Oncology 13:55-67, 1996.

256. Gluckman E, O'Reilly RJ, Rubinstein P.: Patents versus transplants. Nature (letter), 382(6587):108, 1996
257. Yan Y, McGuirk J, Dennig D, Salomon O, Fernandez J, Jagiello C, Hai N, Collins N, Steiner P, O'Reilly R. Growth patterns and clinical correlation of subcutaneously inoculated human primary acute leukemias in SCID mice. Blood, 88:3137-3146, 1996.
258. Schwaighofer, H., Kernan, N.A., O'Reilly, R.J., Brankova, J., Nachbaur, D., Herold, M., Eibl, B., Niederwieser, D.: Serum levels of cytokines and secondary messengers after T-cell-depleted and non-T-cell-depleted bone marrow transplantation: influence of conditioning and hematopoietic reconstitution. Transplantation 62:947-53, 1996
259. O'Reilly RJ, Link M, Fletcher B, Gebhardt M, Krance R, Meyers P, Neff J, Schwartz C.: NCCN pediatric osteosarcoma practice guidelines. The National Comprehensive Cancer Network. Oncology (Hunting), 10(12):1799-806, 1812, 1996
260. O'Reilly RJ, Pui CH, Kernan N, Sallan S, Sanders J, Steiner P, Wharam M, Zipf T.: NCCN pediatric acute lymphoblastic leukemia practice guidelines. The National Comprehensive Cancer Network. Oncology (Hunting), 10(12):1787-94, 1996
261. O'Reilly RJ, Cheung NK, Bowman L, Castle V, Hoffer F, Kapoor N, Kletzel M, Lindsley K, Shamberger R, Tubergen D.: NCCN pediatric neuroblastoma practice guidelines. The National Comprehensive Cancer Network. Oncology (Hunting), 10(12): 1813-22, 1996.
262. Bradley MB, Fernandez JM, Ungers G, Diaz-Barrientos T, Steimle V, Mach B, O'Reilly RJ, Lee, JS: Correction of defective expression in MHC class II deficiency (Bare Lymphocyte Syndrome) cells by retroviral transduction of CIITA. Journal of Immunology, 159:1086-95, 1997
263. Michel G, Boulad F, Small T, Heller G, Castro-Malaspina H, Childs B, Gillio A, Mackinnon S, Papadopoulos E, Young J, Kernan NA, O'Reilly RJ. Risk of extramedullary relapse following allogeneic bone marrow transplantation for acute myelogenous leukemia. Cutis. Bone Marrow Transplantation 20:2, 107-112, 1997
264. Gillio A, Boulad F, Small TN, Kernan NA, Reyes B, Childs BH, Laver J, Castro-Malaspina H, O'Reilly RJ: Comparison of long-term outcome of children with severe aplastic anemia treated with immunosuppression versus bone marrow transplantation, Biology of Blood and Marrow Transplantation, 3:1, 18-24. 1997
265. Cesano A, Visonneau S, Wolfe JH, Jeglum KA, Fernandez J, Gillio A, O'Reilly RJ, Santoli D: Toxicological and immunological evaluation of the MHC-non-restricted cytotoxic T cell line TALL-104. Cancer Immunol Immunother, 44:125-136. 1997
266. Zhang M, Baccarani M, Gale RP, McGlave PB, Atkinson K, Champlin RE, Dicke KA, Giralt S, Gluckman E, Goldman JM, Klein JP, Herzig RH, Masaoka T, O'Reilly RJ, et al. Survival of patients with chronic myelogenous leukemia relapsing after bone marrow transplantation: comparison with patients receiving conventional chemotherapy. British Journal of Haematology, 99(1):23-9, 1997.
267. Lacerda JF, O'Reilly RJ: Characteristics of human EBV-specific cytotoxic T lymphocytes utilized for adoptive immunotherapy of EBV-induced lymphoproliferations in xenografted SCID mice. Annals of Oncology 8 (suppl 2):S137-S140. 1997
268. Small TN, Avigan D, Dupont B, Smith K, Black P, Heller G, Polyak T, O'Reilly RJ. Immune Reconstitution following T-cell depleted bone marrow transplantation: effect of age and post-transplant graft rejection prophylaxis. Biology of Blood and Marrow Transplantation, 3:2, 65-75, 1997

269. Papadopoulos EB, Carabasi MH, Castro-Malaspina H, Childs BH, Mackinnon S, Boulad F, Gillio F, Gillio AP, Kernan NA, Small TN, Szabolcs P, Taylor J, Yahalom J, Collins NH, Bleau SA, Black PM, Heller G, O'Reilly RJ, Young JW: T cell-depleted allogeneic bone marrow transplantation as post-remission therapy for acute myelogenous leukemia: Freedom from relapse in the absence of graft-vs-host disease. Blood 91:3, 1083-90, 1998.
270. Boulad F, Kernan NA, LaQuaglia MP, Heller G, Lindsley KL, Rosenfield NS, Abramson SJ, Gerald WL, Small TN, Gillio AP, Gulati SC, O'Reilly RJ, Ghavimi F: High-dose induction chemoradiotherapy followed by autologous bone marrow transplantation as consolidation therapy in Rhabdomyosarcoma, extraosseous Ewing's Sarcoma, and undifferentiated sarcoma. J Clin Onc, 16:5, 1-11, 1998
271. Yan Y, P Steinherz, HG Klingemann, G Koehne, J McGuirk, RJ O'Reilly: Anti-leukemia activity of a natural killer (NK) cell clone against human leukemias. Clin Canc Res, 4(11):2859-2868, 1998
272. Cole PD, Stiles J, Boulad F, Small TN, O'Reilly RJ, George D, Szabolcs P, Kiehn TE, Kernan NA: Successful treatment of human herpes virus-6 encephalitis in a bone marrow transplantation recipient. Clinical Infectious Diseases. 27:653-654, 1998
273. Boulad F, Steinherz P, Reyes B, Heller G, Gillio AP, Small TN, Brochstein JA, Kernan NA, O'Reilly RJ. Allogeneic bone marrow transplantation versus chemotherapy for the treatment of childhood acute lymphoblastic leukemia in second remission - A single institution study. Journal of Clinical Oncology, 17(1):1-11, 1998.
274. McGuirk J, Yan Y, Childs B, Fernandez J, Barnett L, Jagiello C, Collins N, O'Reilly RJ: Differential growth patterns in SCID mice of patient derived CMLs. Bone Marrow Transplantation, 22:367-374, 1998.
275. Boulad F, Giardina P, Gillio A, Kernan N, Small T, Brochstein J, Van Syckle K, George D, Szabolcs P, O'Reilly RJ. Bone marrow transplantation for homozygous β -thalassemia. Annals of the New York Academy of Sciences, 850:498-502, 1998
276. Prasad VK, Kernan NA, Heller G, O'Reilly RJ, Yang SY. DNA typing for HLA-A and -B identifies disparities between patients and unrelated donors matched by HLA-A and -B serology and HLA-DRB1. Blood, 93(1):399-409, 1999.
277. Small TN, Papadopoulos E, Boulad F, Black P, Castro-Malaspina H, Childs B, Collins N, George D, Gillio A, Heller G, Jakubowski A, Kernan NA, MacKinnon S, Szabolcs P, Young J, O'Reilly RJ. Comparison of immune reconstitution following unrelated and related T-cell depleted bone marrow transplantation: Effect of patient age and donor leukocyte infusions. Blood. 93(2):467-480, 1999.
278. Prasad VK, Heller G, Kernan NA, O'Reilly RJ, Yang SY. The probability of HLA-C matching between patient and unrelated donor at the molecular level: Estimations based on the linkage disequilibrium between DNA typed HLA-B and HLA-C alleles. Transplantation, 68:1044-1059, 1999.
279. Small TN, Wall DA, Kurtzberg J, Cowan MJ, Boulad F, Muller SM, O'Reilly RJ, Friedrich W. Association of reticular dysgenesis (RD) with bilateral sensorineural deafness. J of Pediatrics. 135:387-9, 1999.
280. Prasad VK, Kernan NA, Heller G, O'Reilly RJ, Yang SY. HLA-C-disparity between patients and unrelated donors matched for HLA-A, -B, and -DRB1 alleles: impact of serological vs. DNA typing for HLA-A and -B loci. Biology of Blood and Marrow Transplantation, 5(2):77-85, 1999
281. Lyden D, Young AZ, Zagzag D, Yan W, Gerald W, O'Reilly R, Bader BL, Hynes BO, Zhuang Y, Manova K, Benezra R. Id1 and Id3 are required for neurogenesis, angiogenesis and vascularization of tumour xenografts. Nature. 401:670-677, 1999.
282. Yan Y, Dunkel IJ, Guan X, Abramson DH, Jhanwar SC, O'Reilly RJ. Engraftment and growth of patient derived retinoblastoma tumor in severe combined immunodeficiency mice. Eur J Cancer, 36(2): 221-8 , 2000
283. O'Reilly RJ,.: Clinical Trials of Hematopoietic Cell Transplantations: Current Needs and Future Strategies. Biology of Blood and Marrow Transplantation, 6(2): 79-89, 2000

284. Zeidler C, Welte K, Barak Y, Barriga F, Bolyard AA, Boxer L, Cornu G, Cowan MJ, Dale DC, Flood T, Freedman M, Gadner H, Mandel H, O'Reilly RJ et al. Stem cell transplantation in patients with severe congenital neutropenia without evidence of leukemic transformation. Blood, 95:1195-1198, 2000
285. Small TN, Leung L, Stiles J, Kiehn T, Malek SA, O'Reilly RJ, Sepkowitz K. Disseminated toxoplasmosis following T-cell depleted related and unrelated bone marrow transplantation. Bone Marrow Transplantation, 25:969-73, 2000
286. Verfuether S, Peggs K, Vyas P., Barnett L, O'Reilly RJ, Mackinnon S.: Longitudinal monitoring of immune reconstitution by cdr3 size spectratyping following T cell depleted allogeneic bone marrow transplant and the effect of donor lymphocyte infusions on T cell repertoire. Blood, 95:3990-3995, 2000.
287. Champlin, RE, Passweg JR, Zhang MJ, Rowlings PA, Pelz CJ, Atkinson KA, Barrett AJ, Cahn JY, Drobyski WR, Gale RP, Goldman JM, Gratwohl A, Gordon-Smith EC, Henslee-Downey PJ, Herzig RH, Klein JP, Marmont AM, O'Reilly RJ, Ringden O, Slavin S, Sobocinski KA, Speck B, Weiner RS, Horowitz MM.: T depletion of bone marrow transplants for leukemia from donors other than HLA-identical siblings: Advantage of T cell antibodies with narrow specificities. Blood, 95:3996-4003, 2000.
288. Koehne G, Gallardo H, Sadelain M, O'Reilly RJ. Rapid selection of antigen-specific T-lymphocytes by retroviral transduction. Blood, 96:109-117, 2000.
289. Boulad F, Gillio A, Small TN, George D, Prasad V, Torok-Castanza J, Regan AD, Collins N, Auerback AD, Kernan NA, O'Reilly RJ. Stem cell transplantation for the treatment of Fanconi anaemia using a fludarabine-based cytoreductive regimen and T-cell-depleted related HLA-mismatched peripheral blood stem cell grafts. British Journal of Haematology, 111:1-6, 2000.
290. Cheung NK, Kushner BH, LaQuaglia M, Kramer K, Gollamudi S, Heller G, Gerald W, Yeh S, Finn R, Larson SM, Wuest D, Byrnes M, Dantis E, Mora J, Cheung IY, Rosenfield N, Abramson S, O'Reilly RJ. N7: a novel multi-modality therapy of high risk neuroblastoma (NB) in children diagnosed over 1 year of age. Med Pediatr Oncol, 36:227-230, 2001.
291. O'Reilly RJ. Investigator profile. Interview by Vicki P. Glaser. J. Hematotherapy & Stem Cell Research 10:335-339, 2001.
292. Heath JA, Kurland G, Spray TL, Kernan KA, Small TN, Brochstein JA, Gillio AP, Boklan J, O'Reilly RJ, Boulad F. Lung transplantation following allogeneic marrow transplantation in pediatric patients: The Memorial Sloan-Kettering Experience. Transplantation, 72:1986-1990, 2001
293. Koehne G, Smith KM, Dupont B, O'Reilly RJ. Quantitation, selection and functional characterization of EBV-specific and alloreactive T cells detected by intracellular interferon- γ production and growth of cytotoxic precursors. Blood, 99:1730-1740, 2002.
294. Lewin SR, Heller G, Ahang L, Rodrigues, BS, Skulsky E, van den Brink MRM, Small TN, Kernan NA, O'Reilly RJ, Ho DD, Young JW. Direct evidence for new T cell generation by patients after either T cell-depleted or unmodified allogeneic hematopoietic stem cell transplants. Blood, 100: 2235-2242, 2002.
295. Hsu KC, Liu XR, Selvakumar A, Mickelson E, O'Reilly RJ, Dupont B. Killer IG-like receptor (KIR) haplotype analysis by gene content: evidence for genomic diversity with a minimum of six basic framework haplotypes, each with multiple subsets. J Immunology. 169: 5118-5129, 2002.
296. Koehne G, Doubrovin M, Doubrovina E, Zanzonico P, Gallardo H, Ivanova A, Balatoni J, Teruya-Feldstein, Heller G, May C, Ponomarev V, Finn R, Blasberg R, Bornmann, Riviere I, Sadelain M, O'Reilly R, Larson S, Tjuvajev J. Serial Longterm *In Vivo* imaging of the targeted migration of HSV-TK transduced antigen-specific human lymphocytes. Nature Biotechnology. 21:405-413, 2003.
297. O'Reilly, R. Immunologic aspects of hematopoietic stem-cell transplantation. Cytotherapy, 4:431-432, 2002.

298. Alpdogan O, Muriglan SJ, Kappel BJ, Doubrovina E, Schmaltz C, Schiro R, Eng JM, Greenberg AS, Willis LM, Rotolo JA, O'Reilly RJ, van den Brink MRM. Insulin-like growth factor-I enhances lymphoid and myeloid reconstitution after allogeneic bone marrow transplantation. Transplantation. 75:1977-1983, 2003.
299. Burke JM, Caron PC, Papadopoulos, Divgi CR, Sgouros G, Panageas KS, Finn RD, Larson SM, O'Reilly RJ, Scheinberg DA, Jurcic JG. Cyto reduction with iodine-131-anti-CD33 antibodies before bone marrow transplantation for advanced myeloid leukemias. Bone Marrow Transplantation. 32:549-556, 2003.
300. O'Reilly R. Robert Alan Good, MD, PhD. Biology of Blood and Bone Marrow Transplantation. 10:608-609, 2003.
301. Doubrovina ES, Doubrovin MM, Bider E, Sisson RB, O'Reilly RJ, Dupont B, Vyas YM. Evasion from natural killer cell immunity by MIC expressing colon adenocarcinoma. J Immunology. 171:6891-6899, 2003.
302. Perez, L, Alpdogan O, Shieh JH, wong D, Merzouk, Salari H, O'Reilly RJ, van den Brink M, Moore M. Increased plasma levels of stromal-derived factor-1 (SDF-1/CXCL12) enhance human thrombopoiesis and mobilize human colony-forming cells (CFC) in NOD/SCID mice. Experimental Hematology. 32: 300-307, 2004.
303. Dupont J, Wang X, Marshall D, Leitao M, Hedvat C, Hummer A, Thaler H, O'Reilly R, Soslow R, Wilms tumor gene (WT1) and p53 expression in ovarian and endometrial carcinomas: a study of 217 cases using tissue microarrays. Gynecol Oncol. Aug;94(2):449-55, 2004.
304. Yuan R, Wong P, McDevitt M, Doubrovina E, Leiner I, Bornmann W, O'Reilly R, Pamer E, Scheinberg D. Targeted deletion of T cell clones using alpha emitting suicide MHC tetramers. Blood. 104 (8):2397-2402.
305. Doubrovina ES, Doubrovin MM, Lee S, Shieh JH, Heller G, Pamer E, O'Reilly RJ. *In vitro* stimulation with WT1 peptide-loaded Epstein-Barr virus-positive B cells elicits high frequencies of WT1 peptide-specific T cells with *in vitro* tumoricidal activity. Clinical Cancer Research. Nov 1;10(21):7207-7219, 2004.
306. Camacho R, Wnek R, Shah K, Zaller D, O'Reilly R, Collins N, Fitzgerald-Bocarsly P, Koo G. Intra thymic engraftment of human T cells in HLA-DR-1 transgenic NOD/SCID mice. Cellular Immunology. November-December 232 (1-2): 86-95, 2004.
307. Trivedi D, Williams RY, O'Reilly RJ, Koehne G. Generation of cytomegalovirus (CMV)-specific T-lymphocytes using protein-spanning pools of pp65-derived overlapping pentadecapeptides for adoptive immunotherapy. Blood. April 1 105 (7): 2793-2801, 2005.
308. Hsu K, Kever-Taylor C, Wilton A, Pinto C, Heller G, Arkun K, O'Reilly R, Horowitz M, Dupont B. Improved outcome in allogeneic hematopoietic stem cell transplantation in acute myelogenous leukemia (AML) predicted by donor KIR genotype and recipient HLA genotype in T-cell depleted HLA-identical sibling transplants. Blood. Jun 15;105(12):4878-84, 2005.
309. Modak S, Koehne G, Vickers A, O'Reilly RJ, Cheung NK. Rituximab therapy of lymphoma is enhanced by orally administered (1→3), (1→4)-D-beta-glucan. Leuk Res. Jun;29(6):679-683, 2005.
310. Zanzonico P, Koehne G, Gallardo H, Doubrovin M, Doubrovina E, Finn R, Blasberg R, O'Reilly R, Sadelain M, Larson S. [¹³¹I]-FIAU Labeling of Genetically transduced, tumor-reactive lymphocytes: cell-level dosimetry and dose-dependent toxicity. Submitted.

REVIEWS

1. Dupont, B., O'Reilly, R.J., Jersild, C., Good, R.A.: Transplantation of immunocompetent cells. Brent, L., Jolborow, J. (eds): Amsterdam: North-Holland Publishing Company, 1974, Progress in Immunology 2, 5: 203-214, 1974.
2. Dupont, B., Hansen, J.A., Good, R.A., O'Reilly, R.J.: Histocompatibility testing for clinical bone marrow transplantation. In: Ferrara, G.B., Kissmeyer-Nielsen, F. (eds): Proceedings of the International Congress on HLA System - New Aspects. New York: Elsevier/North Holland Biomedical Press BV, pp. 153-170, 1977.
3. O'Reilly, R.J.: Age-related assessment of factors contributing to the diagnosis of severe combined immunodeficiency. In: Altman, P.L., Katz, D.D. (eds): Biological Handbooks II: Human Health and Disease. Fed. Amer. Soc. Exp. Biol., pp. 65-67, 1977.
4. O'Reilly, R.J., Pahwa, R., Dupont, B., Good, R.A.: Severe combined immunodeficiency: Transplantation approaches for patients lacking an HLA genotypically identical sibling. Transplant. Proc., 10: 187-199, 1978.
5. O'Reilly, R.J., Sorell, M.: Aplastic anemia and bone marrow transplantation. In: Miller D, Pearson M, eds: Smith's Blood Diseases of Infancy and Childhood - Fourth Edition, St. Louis, Missouri: C.V. Mosby Company, pp. 465-496, 1978.
6. Pahwa, R., Pahwa, S., O'Reilly, R.J., Good, R.A.: Treatment of the immunodeficiency disease: Progress toward replacement therapy emphasizing cellular and macromolecular engineering. Springer Seminars in Immunopathology. New York: Springer Verlag, 1: 355-404, 1978.
7. Pahwa, R., Pahwa, S., O'Reilly, R.J., Smithwick, E.M., Good, R.A.: Immunodeficiency diseases - a review. In: Guttler, G., Seakins, J.W.T., Harkness, R.A. (eds): Symposium of the Society for the Study of Inborn Errors of Metabolism, 15th Edition. Elsinore, Denmark, 1977. Inborn Errors of Immunity and Phagocytosis. Lancaster MTP Press Limited, pp. 3-68, 1978.
8. Dupont, B., O'Reilly, R.J., Pollack, M.S., Good, R.A.: Use of HLA genotypically different donors in bone marrow transplantation. Transplant. Proc. XL: 219-224, 1979.
9. Gatti, R.A., O'Reilly, R.J.: Immunodeficiency, X-linked severe combined. In: Bergsma D, ed: Birth Defects Compendium, 2nd Ed. New York: Alan R. Liss, pp. 578-579, 1979.
10. Hong, R., O'Reilly, R.J.: Immunodeficiency with Wiskott-Aldrich Syndrome. In: Bergsma D, ed: Birth Defects Compendium, 2nd Edition. New York: Alan R. Liss, pp. 577-578, 1979.
11. O'Reilly, R.J.: Immunodeficiency, severe combined. In: Bergsma, D. (ed): Birth Defects Compendium, 2nd Ed. New York: Alan R. Liss, pp. 575-577, 1979.
12. Dupont, B., O'Reilly, R.J., Pollack, M.S., Good, R.A.: Histocompatibility testing for clinical bone marrow transplantation and prospects for identification of donors rather than HLA genotypically identical siblings. In: Thiefelder, S., Rodt, H., Kolb, H.S. (eds): Immunobiology of Bone Marrow Transplantation. New York - Berlin: Springer-Verlag, pp. 121-134, 1980.
13. Good, R.A., O'Reilly, R.J., West, A.: Cellular engineering in immunodeficiency diseases. In: Aiuti, A., Wigzell, H. (eds): Thymus, Thymic Hormones and T Lymphocytes, Proceedings of the Sero Symposium, Vol 38. New York/London: Academic Press, pp. 339-363, 1980.
14. Good, R.A., Pahwa, R.N., O'Reilly, R.J., West, A.: Primary immunodeficiency diseases of man. In: Bostrom, H., Ljungstedt, N. (eds): Congenital Diseases in Childhood. Medical and Socio-Medical Aspects. Skandia International Symposia. October, 1979. Stockholm, Sweden: Almquist and Wiksell Intl., pp. 223-245, 1980.

15. Good, R.A., Kapoor, N., Pahwa, R., West, A., O'Reilly, R.J.: Current approaches to the primary immunodeficiencies. In: Fougereau, M., Dausset, J. (eds): Proceedings of 4th International Congress of Immunology, Paris, 1980, Progress in Immunology IV. New York: Academic Press, pp. 907-929, 1980.
16. O'Reilly, R.J., Kapoor, N., Kirkpatrick, D.: Fetal tissue transplants for severe combined immunodeficiency - their limitations and functional potential. In: Seligmann, M., Hitzig, W.H. (eds): Proceedings of the Symposium on Primary Immunodeficiencies, Royaymont, France. Elsevier/North Holland Biomedical Press, pp. 419-433, 1980.
17. O'Reilly, R.J., Pahwa R, Sorell M, Kapoor N, Kapadia A, Kirkpatrick D, Pollack MS, Dupont B, Incefy G, Iwata T, Good RA: Transplantation of fetal liver and thymus in patients with severe combined immunodeficiencies. In: Doria, G., Eshkol, A. (eds): Proceedings of Sero Symposium, 27, Stresa, Italy, 1978. The Immune System: Functions and Therapy of Dysfunction. New York: Academic Press, pp. 241-253, 1980.
18. O'Reilly, R.J.: Recent developments in allogeneic marrow transplantation. Education Program of the Amer. Soc. Hematol. December 5-8, 1981, San Antonio Texas. In: Hematology, 74: 76-82, 1981.
19. Good, R.A., Day, N.K., Cunningham-Rundles, C., O'Reilly, R.J., Auerbach, A.D., Fernandes, G.: Genetics of the primary immunodeficiency diseases. In: Meischer PA, et al, eds. Manarini Series on Immunopathology. Volume 3. Basel, Switzerland: Schwabe & Co., 184-240, 1981.
20. Dinsmore, R., O'Reilly, R.J.: Bone marrow transplantation: Current status. In: Ioachin, H.L. (ed): Pathobiology Annual Vol 12. New York: Raven Press, pp. 213-230, 1982.
21. O'Reilly, R.J.: Allogeneic bone marrow transplantation: Current status and future directions. Blood, 62: 941-964, 1983.
22. Reisner, Y., Kapoor, N., Pollack, S., Friedrich, W., Kirkpatrick, D., Shank, B., Scurny, R., Pollack, M.S., Dupont, B., Good, R.A., O'Reilly, R.J.: Use of lectins on bone marrow transplantation. In: Gale RP, ed: Recent Advances in Bone Marrow Transplantation. UCLA Symposia on Molecular and Cellular Biology; Alan R. Liss, Inc, New York, 7: 355, 1983.
23. O'Reilly, R.J., Pollack, M.S., Kapoor, N., Kirkpatrick, D., Dupont, B.: Fetal liver transplantation in man and animals. In: Gale RP, ed: Recent Advances in Bone Marrow Transplantation. UCLA Symposia on Molecular and Cellular Biology. Alan R. Liss, Inc., New York, 7: 799, 1983.
24. Miller, D.R., O'Reilly, R.J.: Aplastic anemia. In: Miller DR, Baehner RL, McMillan CW, eds: Blood Diseases of Infancy and Childhood. 5th Edition, Chapter 17. St. Louis, Missouri: CV Mosby Co., pp. 522-554, 1984.
25. O'Reilly, R.J., Brochstein, J., Dinsmore, R., Kirkpatrick, D.: Marrow transplantation for congenital disorders. Semin. Hematol. 21: 188-221, 1984.
26. O'Reilly, R.J.: Marrow transplantation for leukemia in children. Part II - Bone marrow transplantation in 1984. For oncologic disorders: ALL, AML, neuroblastoma for aplastic anemia. In: Proceedings Summary of the Section on Oncology/Hematology of the American Academy of Pediatrics Mtg., 9/84. World Medical Communications Organization, Inc., 29-34, 1985.
27. O'Reilly, R.J., Kirkpatrick, D., Kapoor, N., Collins, N.H., Brochstein, J., Kernan, N.A., Glomenberg, N., Pollack, M., Dupont, B., Lopez, C., Reisner, Y.: A comparative review of the results of transplants of fully allogeneic fetal liver and HLA-haplotype mismatched, T-cell depleted marrow in the treatment of severe combined immunodeficiency. In: Gale, R.P., Touraine, J.L., Lucarelli, G. (eds): Fetal Liver Transplantation. Proceedings 2nd Intl. Symp. Fetal Liver Transplantation. Progr. Clin. Biolog. Res. Vol. 193, New York: Alan R. Liss, pp. 327-342, 1985.
28. Clarkson, B.D., Gee, T., Arlin, Z.A., Mertelsmann, R., Kempin, S.J., Dinsmore, R.E., O'Reilly, R.J., Andreeff, M., Berman, E., Little, C., Cirrincione, C., Ellis, S.: In: (ed) Stephan Davis, M.D.. Current status of treatment of acute leukemia in adults: An overview of the Memorial experience and review of literature. Critical Reviews in

29. O'Reilly, R.J.: New promise for autologous marrow transplants in leukemia. N. Engl. J. Med. (Editorial), 315: 186-188, 1986.
30. O'Reilly, R.J.: Current developments in marrow transplantation. XITH International Congress of the Transplantation Society, Helsinki, Finland. Transplant. Proc., 19: 92-102, 1987.
31. O'Reilly, R.J., Keever, C.A., Small, T.N., Brochstein, J.: The use of HLA-non-identical, T cell depleted marrow transplants for correction of severe combined immunodeficiency disease, Hardwood Academic Publishers, Immunodeficiency Reviews 1: 273-309, 1989.
32. Schneller, F.R.G., Gulati, S.C., Cunningham, I.B., O'Reilly, R.J., Schmitt, H.J., Clarkson, B.D.: Fusarium infections in patients with hematologic malignancies. Leukemia Research, 14: (11/12) 961-966, 1990.
33. O'Reilly, R.J.: The implications of HLA matching in marrow transplantation. Marrow Transplantation Reviews, 1(1):13-14, 1991.
34. O'Reilly, R.J.: Antigen-presenting cells: A key to tolerance? Marrow Transplantation Reviews, 2(4):60-61, 1993.
35. Bonilla, M.A., O'Reilly, R.J.: Neutropenia. Conn's Current Therapy, R.E. Rakel (ed), Philadelphia: W.B. Saunders Company, 1993, pp. 358-361.
36. Boulad, F.P., Black, P., Emanuel, D., Gillio, A.P., Kernan, N.A., Small, T.N., O'Reilly, R.J.: Bone marrow transplantation for children with acute lymphoblastic leukemia failing conventional therapy. Acute Leukemias IV, Prognostic Factors, Buchner et al (eds), Berlin/Heidelberg, Springer-Verlag, 1994, pp.645-652.
37. O'Reilly, R.J., Small, T.N., Papadopoulos, E., Lucas, K., Lacerda, J., Koulova, L. Biology and adoptive cell therapy of Epstein-Barr associated lymphoproliferative disorders in recipients of marrow allografts. Immunological Reviews, 157:195-216, 1997
38. O'Reilly RJ, Small TN, Papadopoulos EB, Lucas K, Lacerda J, Koulova L. Adoptive immunotherapy for EBV-associated lymphoproliferative disorders complicating marrow allografts. Springer-Verlag. Edited by G Klein, Springer Seminars in Immunopathology, 20:455-491, 1998

BOOKS AND OTHER MONOGRAPHS

1. Nahmias, A.J., O'Reilly, R.J.: Immunology of Human Infection. Vol 8, Part I: Bacteria, Mycoplasmae, Chlamydiae, and Fungi. New York: Plenum Publishing Corp., (Comprehensive Immunology), 1981.
2. Nahmias, A.J., O'Reilly, R.J.: Immunology of Human Infection. Vol 9, Part II: Viruses and Parasites; Immunodiagnosis and Prevention of Infectious Diseases. New York: Plenum Publishing Corp., (Comprehensive Immunology), 1982.
3. Eglitis M.A., Kantoff P., Gillio A., Bordignon C., McLachlin, Moen R.C., Kernan N.A., Kohn D.B., Yu S, Karlsson S., Karson E.M., Zwiebel J., Gilboa E., Blaese R.M., Nienhuis A., O'Reilly R.J., Anderson W.F.: Expression of Human Adenosine Deaminase in the Hematopoietic Cells of Monkeys. Autologous Bone Marrow Transplantation III, Proceedings of the Third International Symposium. KA Dicke, G Spitzer, S Jagannath, Editors. The University of Texas M.D. Anderson Hospital. Pages 709-716, 1987
4. O'Reilly, R.J., Kernan, N.A., Cunningham, I., Brochstein, J., Keever, C., Small, T., Bordignon, C.: T cell depleted marrow transplants for the treatment of leukemia. Bone Marrow Transplantation: Current Controversies, Future Directions. Gale, R.P. and Champlin, R. (eds), New York: Alan R. Liss, 1989.
5. Collins, N.H., Kernan, N.A., Bleau, S.A., O'Reilly, R.J.: T-cell depletion of allogeneic human bone marrow grafts by soybean lectin agglutination and either sheep red blood cell rosetting or adherence on the CD5/CD8 CELLectortm. In: Gee, A.P. (ed): Bone Marrow Processing and Purging: A Practical Guide, Boca Raton, Florida: CRC Press, pp. 201-212, 1991.
6. O'Reilly, R.J.: Marrow transplantation as a model system for correction of genetic disease. In: Linden, J., Petterson, U. (eds): Etiology of Human Disease at the DNA Level, Nobel Symposium 80, New York: Raven Press, pp. 261-289, 1991.
7. Collins, N.H., Kernan, N.A., Bleau, S.H., O'Reilly, R.J.: T-cell depletion of bone marrow by treatment with soybean agglutinin and sheep red blood cell rosetting. In: Areman, E.M., Deeg, H.J., Sacher, R.A. (eds): Bone Marrow and Blood Stem Cell Processing: A Manual of Current Techniques, Philadelphia: F.A. Davis Company, pp. 171-180, 1991.
8. Collins, N.H., O'Reilly, R.J., Lebowsky, J., Okarma, T.: T-cell depletion of SBA⁺ cells by adherence on the AIS CELLector T-cell. In: Areman, E., Deeg, H.J., Sacher, R.A., (eds): Bone Marrow and Blood Stem Cell Processing: A Manual of Current Techniques, Philadelphia: F.A. Davis Company, pp. 205-207, 1991.
9. Kernan, N.A., Collins, N.H., Bleau SH, O'Reilly RJ: Evaluation of T-cell depletion: Limiting dilution analysis for clonable T-cells - microtechnique. In: Areman, E., Deeg, H.J., Sacher, R.A. (eds): Bone Marrow and Blood Stem Cell Processing: A Manual of Current Techniques, Philadelphia: F.A. Davis Company, pp. 423-426, 1991.
10. O'Reilly, R.J.: Bone marrow transplantation. In: Kelley, W.N. (ed): Textbook of Internal Medicine - Vol. 2. Philadelphia: J.B. Lippincott Company, pp. 1221-1226, 1992.
11. Collins, N.H., Carabasi, M.H., Bleau, S., Jagiello, C., Young, J.W., Castro-Malaspina, H., Flomenberg, N., Papadopoulos, E., Emanuel, D., Gillio, A., Small, T., Boulad, F., Kernan, N.A., Maisonet, L., Lebkowski, J., Okarma T., O'Reilly, R.J.: New technology for the depletion of T-cells from soybean lectin agglutinated, HLA-matched bone marrow grafts for leukemia: Initial laboratory and clinical results. In: Worthington-White, D.A., Gee, A.P., Gross, S. (eds): Advances in Bone Marrow Purging and Processing, New York: Wiley-Liss, Inc., pp. 427-439, 1992.
12. O'Reilly, R.J. and Papadopoulos, E.: Allogeneic bone marrow transplantation. In: Holland, J.F., Frei, I., Bast, R.C., Kufe, D.W., Morton, D.L., Weichselbaum, R.R. (eds): Cancer Medicine, Third Edition, Philadelphia - London: Lea & Febiger, Vol. 1: pp. 998-1016, 1993.
13. O'Reilly, R.J., Keever, C.A., Small, T.N., Brochstein, J.: The use of HLA-non-identical T-cell-depleted marrow transplants for correction of severe combined immune deficiency. In: Rosen, F.S. and Seligmann, M. (eds):

Immunodeficiencies, Philadelphia: Harwood Academic Publishers, pp. 689-716, 1993.

14. Boulad, F., Black, P., Emanuel, D., Gillio, A.P., Kernan, N.A., Small, T.N., O'Reilly, R.J.: Bone marrow transplantation for children with acute lymphoblastic leukemia failing conventional therapy. In: Buchner et al (eds): Acute Leukemias IV: Prognostic Factors, Berlin/Heidelberg: Springer Verlag, pp. 775-782, 1993.
15. Gillio, A.P. and O'Reilly, R.J.: Role of cytokines in bone marrow transplantation. In: Gearing, J., Rossio, J., Oppenheim, J.J. (eds): Clinical Applications of Cytokines: Role in Pathogenesis, Diagnosis and Therapy, Oxford University Press, 1994.
16. O'Reilly, R.J., Friedrich, W. and Small, T.N.: Transplantation approaches for severe combined immunodeficiency disease, Wiskott-Aldrich syndrome, and other lethal genetic combined immunodeficiency disorders. In: Forman, S.J., Blume, K.G., Thomas, E.D. (eds): Bone Marrow Transplantation, Boston: Blackwell Scientific Publications Inc., pp. 849-873, 1994.
17. O'Reilly, R.J., Papadopoulos, E. and Boulad, F.: Allogeneic bone marrow transplantation. In: Bach, F.H., Auchincloss, H. (eds): Transplantation Immunology, New York: John Wiley & Sons, pp 161-198, 1995.
18. O'Reilly, R.J., Papadopoulos, E.B. Allogeneic Transplantation. In: Holland J.F et al (eds): Cancer Medicine 4th Edition, New York: John Wiley & Sons, pp1295-1324, 1997.
19. O'Reilly, R.J., Lacerda, J.F., Lucas, K.G., Rosenfield, N.S., Small, T.N. and Papadopoulos, E.B.: Adoptive cell therapy with donor lymphocytes for EBV associated lymphomas developing after allogeneic marrow transplants. In: Devita, V., Hellman, S, Rosenberg S. (eds): Important Advances in Oncology 1996, Philadelphia/New York: 149-166, 1996.
20. Castro-Malaspina H, O'Reilly RJ: Aplastic anemia and myelodysplastic syndromes. Harrison's Principles of Internal Medicine. 14th edition. McGraw-Hill Health Professions Division: 672-9, 1997.
21. Scheinberg DA, Bocchia M, O'Reilly RJ: Immunotherapy of chronic myelogenous leukemia. In: Medical Management of Chronic Myelogenous Leukemia. Marcel Dekker, Inc., New York. Editors: Moshe Talpaz, Hagop Kantargian: 413-428, 1998
22. O'Reilly RJ, Papadopoulos EB, Small TN. Allogeneic bone marrow transplantation. Textbook of Malignant Haematology. Edited by Degos,Linch, Lowenberg. Martin Dunitz Publishers, London. Pages 315-381. 1998
23. O'Reilly RJ, Friedrich W, Small TN. Hematopoietic Cell Transplantation for Immunodeficiency Diseases. In: Hematopoietic Cell Transplantation, Second Edition. Forman S, Blume KG, Thomas ED, Editors; Blackwell Science, Malden, Massachusetts, Chapter 199, Pages 1154-1172, 1998
24. O'Reilly RJ. Health and the American Child. Part I: A Focus on Mortality among Children. Risks, Trends, and Priorities for the Twenty-First Century. A Report to the Nation from the Public Health Advisory Board, Inc. (Children's Health Priorities: Setting the Best Course for Our Nation's Children/Session IV: What Works-Priorities for Prevention and Treatment) Washington D.C., May 1999
25. O'Reilly RJ, Papadopoulos EB, Small TN. Transplantation of Allogeneic Hematopoietic Cells for the Treatment of Malignancies. Bast RC, Kufe DW, Pollock RE, Weichselbaum RR, Holland JF, Frei E (eds) In: Cancer Medicine 5. Fifth Edition. BC Decker Inc., Hamilton, Ontario. Chapter 68, pp 911-942, 2000.
26. Small T, Friedrich W, O'Reilly R. Hematopoietic cell transplantation for immunodeficiency disease. In: Thomas' Hematopoietic Cell Transplantation. 3rd Edition. Blume KB, Forman SJ, Appelbaum FR. Editors; Blackwell Science, Malden, Massachusetts, Chapter 105, 2003.
27. Castro-Malaspina H, O'Reilly RJ. Aplastic anemia and related disorders. In: Cecil Textbook of Medicine (Twenty-second Edition). Goldman L et al (eds). 2003.

OTHER

1. Gluckman, E., O'Reilly, R., Wagner, J., Rubinstein, P.: Patents versus transplants. (Correspondence) Nature 382: 108., 1996.
2. O'Reilly RJ. The clinical investigator award – promoting patient-related research. (Letter) Lancet Oncol 2:531, 2001.

ABSTRACTS

1. Strain, W.H., Danahy, D.T., O'Reilly, R.J., Thomas, W.R., Wilson, R.M., Pories, W.J.: Accumulations of radioactive fission products in hair. (Abstract). Transactions of the American Nuclear Society, 7: 332, 1965.
2. Strain, W.H., Danahy, D.T., O'Reilly, R.J., Thomas, W.R., Wilson, R.M., Pories, W.J.: Elaboration of strontium and vanadium metabolism through nuclear techniques. (Abstract). Transactions of the American Nuclear Society, 9: 71, 1966.
3. Nahmias, A.J., Reimer, C., O'Reilly, R.J., Del Buono, I.: Herpes simplex antibodies in specific immunoglobulins. (Abstract). Bacteriological Proceedings, 1972.
4. Ingram, D.L., O'Reilly, R.J., Peter, G., Anderson, P., Smith, D.H.: Systemic capsular antigen, clinical course and antibody response in hemophilus influenza b meningitis. (Abstract). Ped. Res., 7: 369, 1973.
5. O'Reilly, R.J.: Use of gnotobiotic methods for a child with severe combined immunodeficiency (SCID) transplanted with marrow from an unrelated mixed lymphocyte culture (MLC) compatible donor. (Abstract). Ped. Res., 8: 416, 1974.
6. Twomey, J., O'Reilly, R.J., L'Esperance, P., Good, R.A.: A new abnormality with chronic mucocutaneous candidiasis. (Abstract). Fed. Proc., 33: 764, 1974.
7. Lopez, C., O'Reilly, R.J.: Genetics of natural resistance of mice to herpes virus infections. (Abstract). Fed. Proc., 34: 869, 1975.
8. O'Reilly, R.J., Lopez, C.: Cyclic deficiency of lymphokine production in patients with recurrent herpes labialis or progenitalis. (Abstract). Fed. Proc., 34: 947, 1975.
9. O'Reilly, R.J., Chibbaro, A., Anger, E.: Ontogeny of leukocyte migration inhibitory factor production in the human fetus. (Abstract). Clin. Res., 24: 316, 1976.
10. O'Reilly, R.J., Dupont, B., Pahwa, S., Grimes, E., Pahwa, R., Schwartz, S., Smithwick, E.M., Svejgaard, A., Jersild, C., Hansen, J.A., Good, R.A.: Reconstitution of a child with severe combined immunodeficiency (SCID) and transplant induced aplasia with marrow from an unrelated, HLA and ABO nonidentical, MLC-compatible donor. (Abstract). Clin. Res., 24: 482, 1976.
11. O'Reilly, R.J., Chibbaro, A.: Expression of a receptor for human leukocyte migration inhibitory factor on cells other than polymorphonuclear leukocytes. (Abstract). Exp. Hematology, 5(Supp 2): 108, 1977.
12. O'Reilly, R.J., Pahwa, R., Kagan, W., Kapoor, N., Sorell, M., Meyers, P., Good, R.A.: Reconstitution of hematopoietic function in post-hepatic aplasia following high dose cyclophosphamide and allogeneic fetal liver transplantation. (Abstract). Exp. Hematology, 5(Suppl 2): 46, 1977.
13. Pahwa, R.N., O'Reilly, R.J., Broxmeyer, H.E., Smithwick, E.M., Pahwa, S., Kapadia, A., Good, R.A.: Partial correction of neutrophil deficiency in congenital neutropenia following bone marrow transplantation (BMT). (Abstract). Exp. Hematology, 5(Suppl 2): 45-46, 1977.
14. Pahwa, S.G., Grimes, E.R., Smithwick, E.M., Pahwa, R.N., O'Reilly, R.J., Hansen, J.A., Good, R.A.: Phagocytic function in aplastic anemia: Studies before and after bone marrow transplantation. (Abstract). Exp. Hematology, 5(Suppl 2): 83, 1977.
15. Pahwa, R., O'Reilly, R.J., Pahwa, S., Good, R.A.: Possible defect of communication between precursor cells and thymus in severe combined immunodeficiency. (Abstract). Clin. Res., 25: 486, 1977.
16. Kapadia, A., O'Reilly, R.J., Good, R.A., Gupta, S.: Leukocyte migration inhibition factor (LMIF) production by human T cell subpopulation. (Abstract). Fed. Proc., 37: 6A, 1365, 1978.

17. Pahwa, R., Pahwa, S., O'Reilly, R.J., Good, R.A.: Stem cell defects in severe combined immunodeficiency (SCID). (Abstract). Ped. Res., 12: 484, 1978.
18. Kapoor, N., Gupta, S., Sorell, M., Chaganti, R.S.K., Pollack, M., Ratner, L., Dupont, B., Good, R.A., O'Reilly, R.J.: Split lymphoid chimerism following marrow or fetal tissue transplants in severe combined immunodeficiency (SCID). Incidence and characterization of donor/host interactions limiting engraftment or immunological reconstitution. (Abstract). Intl. Soc. for Exp. Hematol., Rotterdam, 1979.
19. O'Reilly, R.J., Kiehn, T., Kapoor, N., Grossbard, E., Sorell, M., Armstrong, C., Marrow Transplantation Team at Memorial Sloan-Kettering Cancer Center: Clinical and microbiological studies in human marrow transplant recipients maintained in protective isolation. The Association for Gnotobiotics, 17th Annual Meeting. (Abstract). Gnotobiotics for Immunology, Nutrition and Cancer. July, 1979.
20. O'Reilly, R.J., Sorell, M., Pollack, M., Kapoor, N., Chaganti, R.S.K., Good, R.A., Dupont, B.: Reconstitution of immunologic function in a patient with severe combined immunodeficiency following transplantation of marrow from an HLA-A,B,C non-identical but MLC compatible donor. Proc. 5th Annual Meeting Amer. Assoc. for Clin. Histocompat. Testing, 104, 1979.
21. Sorell, M., Kirkpatrick, D., Kapoor, N., Kapadia, A., Pahwa, R., Chaganti, R.S.K., Dupont, B., Good, R.A., O'Reilly, R.J.: Bone marrow transplant for combined immune deficiency (CID) and agranulocytosis associated with cartilage-hair hypoplasia (CHH). (Abstract). Ped. Res., 13: 455, 1979.
22. Sorell, M., Rosen, J.F., Kapoor, N., Kirkpatrick, D., Chaganti, R.S.K., Pollack, M., Dupont, B., Gossen, C., Good, R.A., O'Reilly, R.J.: Bone marrow transplant for osteopetrosis in a 10 year old boy. (Abstract). Ped. Res., 13: 481, 1979.
23. Sorell, M., Stevenson, R., Kapoor, N., Pollack, M., Chaganti, R.S.K., Dupont, B., Good, R.A., O'Reilly, R.J.: Sustained chimerism without graft vs. host disease (GvHD) in a patient with severe combined immunodeficiency (SCID) and intrauterine transfusion of maternal T cells. (Abstract). Ped. Res., 13: 455, 1979.
24. Yang, S.Y., Pollack, M., O'Neill, G.J., O'Reilly, R.J., Kapoor, N., Grossbard, E., Good, R.A., Dupont, B.: Glyoxylase-1 (GLO) typing in histocompatibility testing for bone marrow transplantation. (Abstract). Amer. Assoc. Clinical Histocompatibility Testing. San Diego, CA, May, 1979.
25. Incefy, G.S., O'Reilly, R.J., Iwata, T., Kapoor, N., Goldstein, G., Dardenne, M., Back, J.F., Good, R.A.: In vitro differentiation of human T-cell precursors by thymic peptides in health and immunodeficiency. In: Pred'home, J.L., Hawken, V.A.L., eds: Fourth Intl. Cong. of Immunol., Paris, 1980, (Abstracts). French Society of Immunology, 1980.
26. Kim, J.H., Chu, F.C., Grossbard, E., Hopfan, S., Simpson, L., Shank, B., Reid, A., Finegan, D.D., O'Reilly, R.J.: A new radiation dose fractionation schedule of total body irradiation (TBI) in bone marrow transplantation for refractory leukemia. (Abstract). Proc. Amer. Soc. Clin. Onc., 21: 436, 1980.
27. Reisner, Y., Kapoor, N., O'Reilly, R.J., Good, R.A.: Colony forming cells (CFU-c) isolated from monkey and human bone marrow with soybean agglutinin for hematologic reconstitution. In: Pred'home, J.L., Hawken, V.A.L., eds: Fourth Intl. Cong. of Immunol., Paris, 1980. (Abstract). French Society of Immunology, 1980.
28. Dinsmore, R., Kapoor, N., Kirkpatrick, D., Teitelbaum, H., Shank, B., O'Reilly, R.J.: Bone marrow transplantation (BMT) for acute leukemia in remission. (Abstract). Proc. Am. Soc. Clin. Onc., 22: 491, 1981.
29. Dinsmore, R., Shank, B., Kapoor, N., Teitelbaum, H., Kirkpatrick, D., Clarkson, B., Miller, D.R., O'Reilly, R.J.: A randomized trial of marrow transplantation (BMT) vs. chemotherapy (CT) maintenance for acute myelogenous leukemia in first remission: preliminary results. 10th Cong Int Soc Exp Hematology (Abstract). Exp. Hematol., 9: 125, 1981.
30. Friedrich, W., O'Reilly, R.J., Koziner, B., Gebhard, D., Good, R.A., Evans, R.L.: Human T cell subset

- development following marrow transplantation. 10th Cong. Int. Soc. Exp. Hematology. (Abstract). Exp. Hematology, 9: 188, 1981.
31. Kirkpatrick, D., Lopez, C., Kapoor, N., O'Reilly, R.J., Ching, C.: Natural killer cell activity in marrow deficiency states. 10th Cong. Intl. Soc. Exp. Hematology. (Abstract). Exp. Hematol., Vol. 9, 1981.
 32. Nir, Y., Tamaroff, M., Straker, N., O'Reilly, R.J.: Psychological development of infants with severe combined immune deficiency (SCID) in a reverse isolation environment. (Abstract). Proc. Am. Soc. Clin. Onc., 22: 398, 1981.
 33. Pahwa, S., Friedrich, W., Evans, R.L., O'Reilly, R.J., Good, R.A.: Humoral immune response in vitro after bone marrow transplantation (BMT). (Abstract). Ped. Res., 15: 601, 1981.
 34. Reisner, Y., Kapoor, N., Shank, B., Csurney, R., Good, R.A., O'Reilly, R.J.: Allogeneic bone marrow transplantation using stem cells fractionated by sheep red blood cells and soybean agglutinin. Atlanta, GA. (Abstract). FASEB, 40: 1166, 1981.
 35. Shank, B., Chu, F.C.H., Dinsmore, R., Kapoor, N., Kirkpatrick, D., Teitelbaum, H., Reid, A., Bonfiglio, P., Simpson, L., O'Reilly, R.J.: Hyperfractionated total body irradiation for bone marrow transplantation. III. Results in seventy leukemia patients with allogeneic transplants. (Abstract). Int. J. Rad.-Onc. Biol. Phys., Vol. 7, 1981.
 36. Simpson, L., Reid, A., Hopfan, S., Shank, B., Finegan, D., Chui, C., O'Reilly, R.J., Grossbard, E., Kapoor, N., Dinsmore, R., Kirkpatrick, D., Kim, J., Chu, F.: Hyperfractionated total body irradiation for bone marrow transplantation. II. Physical aspects of the combined electron-photon treatment plan. ASTR 22nd meeting, Dallas, TX, 1980. (Abstract). International Journal of Radiation-Oncology, Biology and Physics, Vol 6(3), 1981.
 37. Andreeff, M., Shank, B., Hiddemann, W., O'Reilly, R.J., Clarkson, B.D., Melamed, M.R.: Effects of chemo and radiotherapy on human hematopoietic cells in vivo. Intl. Symp. Biological Dosimetry: Cytometric Approaches To Mammalian Systems, Munich, Germany, 10/82. (Abstract), 1982.
 38. Bloom, R.E., Dinsmore, R., O'Reilly, R.J., et al: B-cell lymphoma of host origin in a marrow transplant recipient in remission of acute myeloid leukemia. (Abstract). Blood, 60: 165a, 1982.
 39. Camitta, B., O'Reilly, R.J., Sensenbrenner, L., Rapoport, J., Champlin, R., Doney, K., August, C. (for the Aplastic Anemia Study Group): Severe aplastic anemia: A controlled trial of antilymphocyte globulin therapy. Amer. Soc. Hematol., Washington, DC, 12/82. (Abstract), 1982.
 40. Clarkson, B., Dinsmore, R., Kirkpatrick, D., Flomenberg, N., Gulati, S., Shank, B., O'Reilly, R.J.: Results of allogeneic bone marrow transplantation (BMT) for acute non-lymphocytic leukemia (ANLL): Comparison with chemotherapy. Third Intl. Symp. on Therapy of Acute Leukemias, 369, 1982.
 41. Ebell, W., O'Reilly, R.J., Castro-Malaspina, H.: Human bone marrow stromal cell express receptors for soybean agglutinin (SBA). Implications for marrow transplantation. Amer Soc Hematol, Washington, D.C., 12/82. (Abstract), 1982.
 42. Gulati, S., Helson, L., Langleben, A., Jain, K., O'Reilly, R.J., Helson, C., Jereb, B., Clarkson, W.B.: Therapy of disseminated neuroblastoma with intensive therapy and autologous stem cell rescue. XIV SIOP :25, 1982.
 43. Kapoor, N., O'Reilly, R.J., Kirkpatrick, D., Pollack, M.S., Dupont, B., Good, R.A., Reisner, Y.: Restoration of immunological function by a histoincompatible T cell depleted marrow transplant in a child with severe combined immunodeficiency. Soc. Ped. Res. Meeting, May, 1982. (Abstract). Ped. Res., 16: 224A, 1982.
 44. Kirkpatrick, D., Dinsmore, R., Kapoor, N., Gulati, S., Flomenberg, N., Condie, R., O'Reilly, R.J.: Initial trials of Minnesota antithymocyte globulin in the treatment of severe aplastic anemia. Blood, 60: 169a, 1982.
 45. Kirkpatrick, D., Dinsmore, R., Kapoor, N., Shank, B., O'Reilly, R., and the MSKCC Marrow Transplant Team, Memorial Sloan-Kettering Cancer Center: Allogeneic bone marrow transplantation for acute non-lymphoblastic

- leukemia in pediatric patients. Proc. XIVth Mtg. Intl. Soc. Ped. Oncol., SIOP, Bern, Switzerland, (Abstract), 1982.
46. Kirkpatrick, D., Jones, B., Dinsmore, R., Young, C., O'Reilly, R.J., Kapoor, N., Lopez, C., Fox, J., and the Bone Marrow Transplantation Service: Early trials of FIAC (2' Fluoro-5 Iodo-Aracytosine) in the treatment of cytomegalovirus interstitial pneumonia in bone marrow transplant recipients. 13th Intl Cancer Congress, Seattle, Washington, (Abstract), 1982.
 47. Kirkpatrick, D., Kapoor, N., Bernalis, R., Pollack, M.S., Dupont, B., O'Reilly, R.J.: Successful reversal of maternal-fetal graft vs. host disease in a patient with severe combined immunodeficiency by immunosuppression, and transplantation of HLA-D compatible paternal marrow. Soc Ped Res Meeting, May, 1982, (Abstract). Ped. Res., 16: 225A, 1982.
 48. Kirkpatrick, D., Kapoor, N., Sorell, M., Dinsmore, R., O'Reilly, R.J., and the MSKCC Transplant Service: Improved prognosis of severe aplastic anemia in black children treated with anti-lymphocyte globulins. Soc. Ped. Res. Meeting, May, 1982, (Abstract). Ped. Res. 16: 207A, 1982.
 49. Leyland-Jones, B., Deesen, P., Kreis, W., O'Reilly, R.J., Young, C.W.: High-pressure liquid chromatographic (HPLC) determination of cyclosporin-A. (Abstract). Am. Soc. Clin. Onc., 1: 16, 1982.
 50. O'Reilly, R.J., Kapoor, N., Kirkpatrick, D.: Marrow transplantation for congenital diseases. The Intl. Soc. Exp. Hematol., Baltimore, MD, 8/23/82 -8/27/82. (Abstract), 1982.
 51. O'Reilly, R.J., Kapoor, N., Kirkpatrick, D., Hodes, M.Z., Ebell, W., Pollack, M.S., Dupont, B., Good, R.A., Reisner, Y.: Transplantation of histoincompatible soybean lectin (SBA) separated, E-rosette depleted marrow for severe combined immunodeficiency (SCID) and leukemia: Early results in high risk patients. Amer. Soc. Hematol., Washington, DC, 12/82. (Abstract), 1982.
 52. O'Reilly, R.J., Pollack, M.S., Auerbach, A.D., Kapoor, N., Kirkpatrick, D., Chaganti, R.K.S., Dupont, B.: HLA histocompatibility between parent and affected child in Fanconi's anemia. Soc. Ped. Res. Meeting, May, 1982. (Abstract). Ped. Res., 16: 210A, 1982.
 53. Pollack, M.S., Kapoor, N., Kirkpatrick, D., Reisner, Y., Dupont, B., O'Reilly, R.J.: HLA marker studies in monitoring engraftment following transplantation of histoincompatible, T cell depleted marrow in patients with severe combined immunodeficiency and leukemia. Third Intl. Immunological Monitoring Symposium, Key Biscayne, FL, 11/21/82 - 11/24/82. (Abstract), 1982.
 54. Pollack, M.S., Kirkpatrick, D., Kapoor, N., Evans, R.L., Dupont, B., O'Reilly, R.J.: HLA typing of lymphocyte subpopulations for the identification of intrauterine derived engrafted maternal T-cells in patients with severe combined immunodeficiency (SCID). Am Assoc Clin Histocomp Testing, (Abstract). Human Immunology, April 1982.
 55. Pollack, M.S., Kirkpatrick, D., Kapoor, N., Evans, R.L., Dupont, B., O'Reilly, R.J.: The identification of intrauterine derived maternal T cells in four severe combined immunodeficiency patients by HLA typing. Soc Ped Res Meeting, May, 1982. (Abstract). Ped. Res., 16: 230A, 1982.
 56. Brochstein, J., Giardina, P., Kirkpatrick, D., Weinberg, R., Alter, B., Driscoll, C., Wolf, L., O'Reilly, R.J.: Bone marrow transplantation for thalassemia. Blood, 62: 780a, 1983.
 57. Gulati, S., Langelben, A., Jain, K., Yopp, J., Straus, D., Koziner, B., Gee, T., Lee, B., Shank, B., Mertelsmann, R., Dinsmore, R., O'Reilly, R.J., Clarkson, B.: Autologous stem cell transplantation (ASCT) after total body irradiation (TBI) and high dose cytoxan for poor prognosis lymphoma. Proc. Amer. Soc. Clin. Onc., 2: 854, 1983.
 58. Incefy, G.S., Iwata, T., Cunningham-Rundles, S., Kapoor, N., Kirkpatrick, D., O'Reilly, R.J.: Circulating thymic hormone levels in severe combined immunodeficiency diseases (SCID). (Abstract). 5th Intl. Cong. Immunol., August, 1983.

59. Laver, J., Castro-Malaspina, H., Ebell, W., O'Reilly, R.J., Moore, M.A.S.: Studies on the marrow microenvironment in severe aplastic anemia. *Amer. Soc. Hematol.*, 12/83, (Abstract). Blood, 62:(5)(Suppl): 47a, 1983.
60. O'Reilly, R.J., Brochstein, J., Kirkpatrick, D., Hodes, M., Kernan, N., Collins, N., Siena, S., Shank, B., Wolf, L., Kapoor, N., Pollack, M., Dupont, B., Reisner, Y.: Transplantation of histoincompatible, soybean lectin (SBA) separated, E-rosette depleted marrow for severe combined immunodeficiency (SCID) and leukemia: MHC-related graft resistance in leukemic transplant recipients. Blood, 62: 813, 1983.
61. O'Reilly, R., Kirkpatrick, D., Shank, B., Brochstein, J., Auerbach, A., Chaganti, R.: Use of preparative hyperfractionated total body irradiation (HFTBI), procarbazine (Pcb) and anti-thymocyte globulin (ATG) to reduce toxicity following marrow transplants (BMT) for Fanconi's anemia (FA). Blood, 62: 814, 1983.
62. Pahwa, R.N., O'Reilly, R.J., Kirkpatrick, D., Pahwa, S.G.: Demonstration of a block at an early stage of T cell differentiation in severe combined immunodeficiency disease (SCID). (Abstract). 5th Intl. Cong. Immunol., August, 1983.
63. Shank, B., Hopfan, S., Kim, J.H., Fu, F.C.H., Grossbard, E., Kapoor, N., Kirkpatrick, D., Dinsmore, R., Simpson, L., Reid, A., Chui, C., Finegan, D., O'Reilly, R.J.: Hyperfractionated total body irradiation for bone marrow transplantation. I. Early results in leukemia patients. ASTR 22nd meeting, Dallas, TX, 1980. (Abstract). International Journal of Radiation-Oncology, Biology and Physics, Vol 6(3), 1983.
64. Siena, S., Castro-Malaspina, H., Gulati, S.C., Colvin, M.O., Clarkson, B.D., O'Reilly, R.J., Moore, M.A.S.: In vitro purging of human marrow with 4-hydroperoxycyclophosphamide (4H-C) and its effect on the cellular elements of the hematopoietic microenvironment. Exper. Hematol., 11: 192a, 1983.
65. Castro-Malaspina, H., Laver, J., Ebell, W., Jhanwar, S., Adler, B., Moore, M.A.S., O'Reilly, R.J.: Regeneration of human marrow stromal cells (MSC) following allogeneic marrow transplantation (BMT). Blood, 64: 757, 1984.
66. Kernan, N.A., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Identification of cytotoxic T lymphocytes in patients rejecting T cell deleted bone marrow transplants for leukemia. Blood, 64: 775, 1984.
67. Kushner, B., Siena, S., Welte, K., O'Reilly, R.J., Castro-Malaspina, H.: In vitro effects of aziridinybenzoquinone on the myeloid, lymphoid, and microenvironmental elements of human bone marrow. Blood, 64: 580, 1984.
68. Kushner, B., Siena, S., Welte, K., O'Reilly, R.J., Castro-Malaspina, H.: In vitro effects of aziridinybenzoquinone on the myeloid, lymphoid, and microenvironmental elements of human bone marrow. *Amer. Soc. of Hematol.*, 26th Annual Mtg., 12/84. (Abstract). Blood, 64: 167A, 1984.
69. Laver, J., Castro-Malaspina, H., Shank, B., O'Reilly, R.J., Moore, M.A.S.: Comparative effects of single versus multiple fractionated dose (MFD) irradiation on human marrow stromal cells supporting prolonged hematopoiesis. Blood, 64: 777, 1984.
70. Martin, P.J., Smith, A.G., O'Reilly, R.J., Hansen, J.A.: Specific antibody blocking activities in anti-lymphocyte globulin as correlates of efficacy for the treatment of aplastic anemia. Blood, 64: 338, 1984.
71. O'Reilly, R.J., Collins, N., Brochstein, J., Dinsmore, R., Kirkpatrick, D., Kernan, N., Siena, S., Shank, B., Wolf, L., Dupont, B., Reisner, Y.: Transplantation of HLA-non-identical marrow depleted of T cells by soybean (SBA) agglutination and E-rosette depletion: Possible MHC-related graft resistance in leukemic transplant recipients. 10th Intl. Congr. Trans. Soc., 8/84. (Abstract). Trans. Proc., Vol. 17, 1984.
72. O'Reilly, R.J., Collins, N., Dinsmore, R., Brochstein, J., Kernan, N., Siena, S., Keever, C., Levick, J., Wolf, L., Flomenberg, N., Kirkpatrick, D.: Use of HLA-identical marrow grafts depleted of T cells by soybean lectin agglutination (SBA) and a single E_{AET} rosette depletion to prevent graft versus host disease (GvHD) in adults transplanted for leukemia. (Abstract). Intl. Soc. Exp. Hematol., 12: 358, 1984.
73. O'Reilly, R.J., Dinsmore, R., Shank, B., Brochstein, J., Kirkpatrick, D., Gulati, S., Flomenberg, N.,

- Castro-Malaspina, H.: Allogeneic bone marrow transplantation (BMT) for acute leukemia in early remission using hyperfractionated total body irradiation (HFTBI) and cyclophosphamide (CYC). Exp. Hematol., 12: 17a, 1984.
74. Rubin, C.M., O'Reilly, R.J., O'Leary, M., Koch, P.A., Nesbit, M.E.: Bone marrow transplantation (BMT) for leukemia in children with down syndrome (DS). Blood, 64: 790, 1984.
 75. Alter, B.P., Weinberg, R.S., Brochstein, J.A., O'Reilly, R.J.: Erythropoiesis following bone marrow transplantation for thalassemia major. (Abstract). 1st Intl. Conf., Thailand, 7/85.
 76. Castro-Malaspina, H., Laver, J., Kushner, B.H., O'Reilly, R.J.: Aplastic anemia (AA) secondary to defective hematopoietic microenvironment: Early evidence for correction by intramedullary transplantation of cultured allogeneic marrow stromal cells. Blood, 66: 886, 1985.
 77. Chapman, P.B., Castro-Malaspina, H., Laver, J., Filipone, E., O'Reilly, R.J.: Simultaneous occurrence of severe aplastic anemia and malignancy: In vitro studies of mechanisms of aplasia. Blood, 66: 364, 1985.
 78. Cunningham, I., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Shank, B., Collins, N., Keever, C., O'Reilly, R.J.: Improved results in bone marrow transplantation for chronic myelogenous leukemia (CML) using marrow depleted of T-cells by soybean lectin agglutination and E-rosette depletion. Blood, 66: 888, 1985.
 79. Kantoff, P., Eglitis, M., Kohn, D., McLachlin, J., Zwiebel, J., Gillio, A., Hutton, J.J., O'Reilly, R.J., Blaese, M., Gilboa, E., Anderson, W.F.: Gene Transfer into hematopoietic cells using retroviral vectors. Blood, 66: 956, 1985.
 80. Keever, C., Flomenberg, N., Kernan, N.A., O'Reilly, R.J.: Anti donor reactivity of donor T cells (T_{DE}) maturing in HLA haploidentical recipients with severe combined immunodeficiency (SCID) following transplant of lectin separated E rosette depleted (SBA'E⁻) marrow. Exp. Hematology, 13: 419; Ab#214, 1985.
 81. Keever, C.A., Welte, K., Levick, J., O'Reilly, R.J.: Interleukin 2 activated killer cells in patients following transplants of lectin separated E rosette depleted (SBA'E⁻) bone marrow. Blood, 66: 957, 1985.
 82. Kernan, N.A., Burns, M.J., Collins, N.H., O'Reilly, R.J., Dupont, B.: Limiting dilution assay for quantitation of T lymphocyte in bone marrow. 10th Intl Cong Trans Soc, 8/84.(Abstract). Trans. Proc., 17: 437, 1985.
 83. Kernan, N.A., Collins, N.H., Juliano, L., Cartagena, T., Dupont, B., O'Reilly, R.J.: The number of residual T lymphocytes measured by a limiting dilution assay correlates with the development of GvHD in 25 T cell depleted bone marrow transplant recipients. Blood, 66: 958, 1985.
 84. Laver, J., Kernan, N.A., Levick, J., Moore, M.A.S., O'Reilly, R.J.: Gamma interferon-mediated myelosuppression in severe aplastic anemia: In vitro studies identifying potential responders to ATG. Blood, 66: 370, 1985.
 85. Laver, J., Kernan, N.A., Levick, J., Moore, M.A.S., O'Reilly, R.J., Castro-Malaspina, H.: In vitro gamma interferon-mediated hematopoietic suppression in severe aplastic anemia patients: pre and post ATG therapy studies. Exp. Hematology, 13: 433; Ab#266, 1985.
 86. O'Reilly, R.J., Shank, B., Collins, N., Kernan, N., Brochstein, J., Keever, C., Dinsmore, R., Kirkpatrick, D., Castro-Malaspina, H., Cunningham, I., Flomenberg, N., Burns, R.: Increased total body irradiation (TBI) abrogates resistance to HLA-matched marrow grafts depleted of T cells by lectin agglutination and E-rosette depletion (SBA'E⁻BMT). Exp. Hematology, 13: 406; Ab#203, 1985.
 87. Redman, J.R., Bajorunas, D.R., Shank, B., O'Reilly, R.J.: Endocrine dysfunction following successful bone marrow transplantation (BMT). Blood, 66: 929, 1985.
 88. Anderson, W.F., Kantoff, P., Eglitis, M., McLachlin, J., Karson, E., Zwiebel, J., Nienhuis, A., Karlsson, S., Blases, R.M., Kohn, D., Gilboa, E., Armentano, D., Gillio, A., Bordignon, C., O'Reilly, R.J.: Gene transfer and expression in non-human primates using retroviral vectors. 51st Cold Spring Harbor Symposium on Quantitative Biology - Molecular Biology of Homo Sapiens, 121, 1986.

89. Bonilla, M.A., Gillio, A.P., Potter, G.K., O'Reilly, R.J., Boone, T., Souza, L., Welte, K.: In vivo effects of recombinant human granulocyte colony stimulating factor on chemotherapy induced neutropenia in primates. Blood, 68: 519, 1986.
90. Bordignon, C., Kernan, N.A., Keever, C.A., Cartagena, T., Juliano, L., Benazzi, E., O'Reilly, R.J.: Effector cells and mechanisms of hematopoietic suppression and rejection of T-cell depleted bone marrow transplants. Int. Symp. Normal and Neoplastic Blood Cells: From Genes to Therapy, Roma, Italy, June, 1986.
91. Brochstein, J.A., Kernan, N.A., Emanuel, D., Laver, J., Glomenberg, N., Gulati, S., Castro-Malaspina, H., Cunningham, I., Shank, B., O'Reilly, R.J.: Marrow transplantation of acute leukemia after hyperfractionated total body irradiation (HFTBI) and cyclophosphamide (CTX). Blood, 68: 271a, 1986.
92. Brochstein, J.A., Kernan, N.A., Laver, J., Emanuel, D., Rabellino, E., O'Reilly, R.J.: Bone marrow transplantation for thrombocytopenia - absent radii (TAR) syndrome. (Abstract). XI Congress of the Intl. Soc. Hematol., May, 1986.
93. Byers, V.S., Kernan, N.A., Harkonen, S., Gillio, A., Dupont, B., O'Reilly, R.J., Scannon, P.: Animal toxicology with an anti human pan T lymphocyte - RTA immunotoxin. (Abstract). Intl. Conf. on Monoclonal Antibody Immunoconjugates for Cancer, March, 1986.
94. Feig, S.A., Nesbit, M.E., Buckley, J., Lampkin, B., Bernstein, I., Kim, T., Piomelli, S., Kersey, J., Coccia, P., O'Reilly, R.J., August, C., Thomas, E.D., Hammond, D.: Bone marrow transplantation for acute non-lymphocytic leukemia (ANLL) in first remission. (Abstract). XI Congress of the Intl. Soc. Hematol., May, 1986.
95. Frame, J., Sheehy, D., Waldmann, H., O'Reilly, R.J., Dupont, B., Kernan, N.A.: Analysis of variables affecting the depletion of T-cells from human bone marrow with campath-1 and complement. Blood, 68: 1031, 1986.
96. Gillio, A.P., Bonilla, M.A., O'Reilly, R.J., Potter, G.K., Boone, T., Souza, L., Welte, K.: Effect of recombinant human G-CSF on hematopoietic reconstitution following autologous bone marrow transplantation in primates. Blood, 68: 1009, 1986.
97. Gillio, A., Bordignon, C., Kantoff, P., Eglitis, M., McLachlin, J., Kernan, N.A., Karson, E., Zwiebel, J., Gilboa, E., Anderson, W.F., O'Reilly, R.J.: Retrovirus mediated transfer of the human ADA gene into primate hematopoietic cells and subsequent in vivo expression following autologous bone marrow transplantation. 6th Intl. Congress of Immunology. Toronto, Canada, 1986.
98. Gillio, A., Bordignon, C., Kernan, N.A., Eglitis, M., McLachlin, J., Karson, E., Zwiebel, J., Nienhuis, A., Karlsson, S., Blaese, M., Kohn, D., Armentano, D., Gilboa, G., Anderson, W.F., O'Reilly, R.J.: Retroviral vector-mediated gene transfer and expression in nonhuman primates following autologous bone marrow transplantation. Intl. Symp. Normal and Neoplastic Blood Cells: From Genes to Therapy, Roma, Italy, June, 1986.
99. Kantoff, P.W., Gillio, A., McLachlin, J.R., Karlsson, S., Eglitis, M.A., Kohn, D., Karson, E., Zwiebel, J., Bordignon, C., Hutton, J., Blaese, R.M., Nienhuis, A., O'Reilly, R.J., Gilboa, E., Anderson, W.F.: Retroviral mediated gene transfer into primate hematopoietic cells. Clin. Res., 34: 717a, 1986.
100. Keever, C.A., Kernan, N.A., Collins, N.H., O'Reilly, R.J.: B lymphocyte function after transplantation with soybean agglutinin, E-rosette depleted (SBA'E) bone marrow from the treatment of leukemia. Hum. Immunol., 17: 198, 1986.
101. Keever, C.A., Levick, J., Gillio, A., O'Reilly, R.J., Welte, K.: Effects of in vivo administration of human rIL-2 to cynomolgus monkeys following autologous bone marrow transplantation. Blood, 68(Suppl): 1010, 1986.
102. Kernan, N.A., Byers, V., Brochstein, J., Levy, N., Scannon, P., Dupont, B., O'Reilly, R.J.: Anti-T-cell-ricin-A-chain immunotoxin for treatment of steroid resistant acute graft versus host disease (GvHD). Blood, 68: 1011, 1986.
103. Lesko, L.M., Dermatis, H., Penman, D., Holland, J.C., Groshen, S., O'Reilly, R.J.: Parent and physician

- perception of informed consent for pediatric allogeneic bone marrow transplantation (BMT). (Abstract). Amer. Soc. Clin. Oncol., Annual Mtg. May, 1986.
104. Lesko, L.M., Dermatis, H., Penman, D., Holland, J.C., Groshen, S., O'Reilly, R.J.: Parental adjustment to child's bone marrow transplantation (BMT) as a function of coping psychological distress and information retained at time of informed consent. (Abstract). Amer. Soc. Clin. Oncol., Annual Mtg. May, 1986.
 105. O'Reilly, R.J., Kernan, N.A., Collins, N.H., Brochstein, J., Cunningham, I., Castro-Malaspina, H., Laver, J., Emanuel, D., Gulati, S., Flomenberg, N., Keever, C.A.: Abrogation of both acute and chronic GVHD following transplants of lectin agglutinated E-rosette depleted (SBA'E') marrow for leukemia. Blood, 68: 1041, 1986.
 106. Small, T.N., Keever, C., Kernan, N.A., O'Reilly, R.J., Dupont, B., Knowles, R.W., Flomenberg, N.: Unusual phenotypes of severe combined immunodeficiency B lymphocytes. Hum. Immunol., 17: 198, 1986.
 107. Welte, K., Bonilla, M.A., Gillio, A.P., Boone, T., Gabrilove, J.L., Potter, G., O'Reilly, R.J., Souza, L.M.: *In vivo* effects of combined recombinant human G-CSF and GM-CSF on hematopoiesis in primates. Blood, 68: 612, 1986.
 108. Yu, S.F., Kantoff, P.W., Gillio, A., Eglitis, M.A., Armentano, D., McLachlin, J.R., O'Reilly, R.J., Karlsson, S., Nienhuis, A., Gilboa, E., Anderson, W.F.: Transfer and expression of genes in primates using retroviral mediated gene transfer. Cold Spring Harbor Laboratory Meeting on RNA Tumor Viruses, 21, 1986.
 109. Bonilla, M.A., Gillio, A.P., Potter, G.K., O'Reilly, R.J., Souza, L.M., Welte, K.: Effects of recombinant human G-CSF and GM-CSF on cytopenias associated with repeated cycles of chemotherapy in primates. Blood, 70: 377a, 1987.
 110. Bordignon, C., Kernan, N.A., Keever, C.A., Cartagena, T., Burns, J., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft failures following SBA'E' T-cell depleted marrow transplants for leukemia: *in vitro* correlates. Intl. Symp. on T-Cell Depletion in Allogeneic Bone Marrow Transplantation. Italian Group for Experimental Haematology. Assisi, Italy, April, 1987.
 111. Bordignon, C., Kernan, N.A., Keever, C.A., Small, T.N., Collins, N.H., Burns, J., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft failures following T-cell depleted grafts for leukemia: Emergence of host T-lymphocytes (CD3+ CD8+) with donor-specific reactivity. Blood, 70: 1069a, 1987.
 112. Bordignon, C., Smith, C.A., Yu, S.F., Ungers, G.E., Mazzani, N., Hantzopoulos, P., Welte, K., O'Reilly, R.J., Gilboa, E.: Retroviral vector mediated expression of adenosine deaminase in long term bone marrow cultures from patients affected by ADA deficient severe combined immunodeficiency. Blood, 70: 329A, 1987.
 113. Byers, V., Henslee, P., Kernan, N.A., Blazar, B., Gingrich, R., Phillips, G., Antin, J., Mischak, R., O'Reilly, R.J., Scannon, P.: Therapeutic response to a pan-T-lymphocyte monoclonal antibody-ricin-A chain immunotoxin in steroid refractory graft versus host disease (GvHD). Blood, 70: 1071A, 1987.
 114. Frame, J.N., Collins, N.H., Cartagena, T., O'Reilly, R.J., Dupont, B., Kernan, N.A.: T cell depletion of human bone marrow: Comparison of Campath-1 plus complement, ricin A chain immunotoxin and soybean lectin agglutinin alone or in combination with E-rosette depletion or immunomagnetic microspheres. Blood, 70: 1132a, 1987.
 115. Keever, C.A., Small, T.N., Flomenberg, N., Kernan, N.A., Sullivan, M., O'Reilly, R.J.: Immune reconstitution following HLA matched and mismatched T cell depleted marrow grafts compared with conventional matched transplants. Blood, 70: 1090a, 1987.
 116. Kernan, N.A., Bordignon, C., Collins, N.H., Castro-Malaspina, H., Cunningham, I., Brochstein, J., Shank, B., Flomenberg, N., Dupont, B., O'Reilly, R.J.: Graft failures following SBA'E' T-cell depleted marrow transplants for leukemia: clinical features and results of secondary transplants. Intl. Symp. on T-Cell Depletion in Allogeneic Bone Marrow Transplantation. Italian Group for Experimental Haematology. Assisi, Italy, April, 1987.

117. Kernan, N.A., Bordignon, C., Cunningham, I., Castro-Malaspina, H., Brochstein, J., Shank, B., Collins, N.H., Flomenberg, N., O'Reilly, R.J.: Recipient age and donor sex are risk factors for graft failure (GF) following T cell depleted (SBA⁺E⁻) BMT for leukemia. Blood, 70: 1091a, 1987.
118. Pecora, A.L., Bordignon, C., Fumagalli, L., Keever, C.A., Bonilla, M.A., Gillio, A.P., O'Reilly, R.J.: Growth of cynomolgus monkey and human hematopoietic progenitors is inhibited by l-leucyl-l-leucine methyl ester. Blood, 70: 1144a, 1987.
119. Rabellino, E.M., Castro-Malaspina, H., O'Reilly, R.J.: Reduction of in vitro clonability of donor megakaryocyte progenitors during processing of marrow grafts. Blood, 70: 1145a, 1987.
120. Small, T.N., Keever, C.A., Dupont, B., O'Reilly, R.J., Flomenberg, N.: Abnormal B cell phenotype common to both severe combined immunodeficiency disease (SCID) and patients post bone marrow transplantation (BMT) for malignancy. Blood, 70: 1112a, 1987.
121. Berman, E., Castro-Malaspina, H., Cunningham, I., Flomenberg, N., Gulati, S., Shank, B., Gee, T.S., Kempin, S., Black, P., Clarkson, B., O'Reilly, R.J.: Allogeneic bone marrow transplant (BMT) for adult patient with acute nonlymphocytic leukemia (ANLL) in 1st remission. Blood, 72: 1428a, 1988.
122. Bonilla, M.A., Gillio, A.P., Ruggiero, M., Kernan, N.A., Brochstein, J.A., Abboud, M.A., Fumagalli, L., Vincent, M., Welte, K., Souza, L.M., O'Reilly, R.J. (intr. by P. Meyers): In vivo recombinant human granulocyte colony stimulating factor (RHG-CSF) corrects neutropenia in patients with congenital agranulocytosis. Blood, 72: 349a, 1988.
123. Bordignon, C., Hantzopoulos, P., Smith, C.A., Ungers, G.E., Fumagalli, L., O'Reilly, R.J., Gilboa, E.: Retroviral vector mediated highly efficient expression of adenosine deaminase in hematopoietic long term cultures of ADA deficient marrow cells. Lineage specific expression and reconstitution of proliferative capacity in lymphoid cells. Blood, 72: 1429a, 1988.
124. Cunningham, I., Castro-Malaspina, H., Flomenberg, N., Gulati, S., Collins, N., Kernan, N.A., Keever, C., Gee, T., O'Reilly, R.J.: T-cell depleted bone marrow transplant (BMT) for chronic myelogenous leukemia (CML). Blood, 72: 1446a, 1988.
125. Gasparetto, C., Laver, J., Smith, C., Gillio, A., O'Reilly, R.J.: Induction of hematopoietic progenitor suppression during prolonged IL-1 administration following myelosuppressive chemotherapy in primates. Blood, 72: 377a, 1988.
126. Gillio, A.P., Laver, J., Abboud, M., Bonilla, M.A., Gasparetto, C., O'Reilly, R.J.: IL-3 prevents neutropenia following 5-fluorouracil and cyclophosphamide induced myelosuppression in cynomolgus primates. Blood, 72: 380a, 1988.
127. Gillio, A.P., Laver, J., Abboud, M., Bonilla, M.A., Gasparetto, C., O'Reilly, R.J.: Short course IL-1 accelerates hematopoietic recovery following 5-fluorouracil administration in cynomolgus primates. Blood, 72: 381a, 1988.
128. Gulati, S., Maslak, P., Crown, J., Doherty, M., Shank, B., Yahalom, J., Straus, D., Kempin, S., Lee, B., Fuks, Z., O'Reilly, R.J., Clarkson, B.: Intensive chemotherapy and autologous bone marrow transplantation in relapsed and refractory Hodgkin's disease. Proceedings of AACR, Vol. 29, March 1988.
129. Keever, C., Hauch, M., Barnett, L., Bordignon, C., Cunningham, I., Castro-Malaspina, H., O'Reilly, R.J. (intr. by R. Dinsmore). The potentiation of NK mediated anti-leukemia activity following BMT. Blood, 72: 1483a, 1988.
130. Keever, C.A., Pekle, K., Collins, N.H., O'Reilly, R.J.: The effect of recombinant cytokines on the development of NK and LAK activities from human bone marrow (intr by R. Dinsmore). Blood, 72: 567a, 1988.
131. Kernan, N.A., Cartagena, T., O'Reilly, R.J.: Characterization of T-cell lines established from patients experiencing rejection of HLA identical T cell depleted (SBA⁺E⁻) bone marrow transplants (BMT) for leukemia. Blood, 72: 1484a, 1988.

132. Kushner, B.H., Cheung, N.K., Mandell, L.R., Gulati, S.C., LaQuaglia, M., Sullivan, M., O'Reilly, R.J.: Treatment of neuroblastoma (NB) using myeloablative therapy (without total body irradiation) following by autologous bone marrow transplantation. Blood, 72: 1485a, 1988.
133. Offit, K., Burns, J.P., Cunningham, I., Jhanwar, S.C., O'Reilly, R.J., Chaganti, R.S.K. (intr. by D. Straus): Cytogenetic analysis of chimerism and leukemia relapse in chronic myelogenous leukemia patients following T-cell depleted bone marrow transplantation. Blood, 72: 1505a, 1988.
134. O'Reilly, R.J., Brochstein, J., Kernan, N.A., Keever, C., Small, T., Laver, J., Emanuel, D., Gillio, A., Reisner, Y. (intr. by M. Sorell): HLA A,B,D disparate, SBA'E T cell depleted marrow grafts for severe combined immunodeficiency (SCID). Blood, 72: 1506a, 1988.
135. Pecora, A.L., Small, T.N., Pekle, K., O'Reilly, R.J., Keever, C.A., (intr. by P. Steinherz). Human allospecific cytotoxic T cell precursor resistance to leucyl leucine methyl ester. Blood, 72: 580a, 1988.
136. Sarris, A., Gulati, S., Shank, B., Berman, E., Gee, T., Atzpodien, J., O'Reilly, R.J., Clarkson, B.: Autologous bone marrow transplantation (AuBMT) in relapsed AML. Proc AACR, Vol. 29, March 1988.
137. Small, T., Keever, C., Collins, N., O'Reilly, R., J., Flomenberg, N.: Characterization of circulating B cells in severe combined immunodeficiency disease. European Group for Immunodeficiencies 1988.
138. Small, T.N., Keever, C.A., O'Reilly, R.J., Flomenberg, N. (intr. by C. Tan): Presence of circulating CD3+ T cells expressing the gamma-delta T cell receptor following HLA-mismatched T cell depleted BMT for severe combined immunodeficiency disease. Blood, 72: 1542a, 1988.
139. Yang, S.Y., Kernan, N.A., O'Reilly, R.J., Dupont, B.: Histocompatibility and unrelated bone marrow transplantation: clinical significance of HLA class I IEF variants. Blood, 72: 1563a, 1988.
140. Gulati, S., Yahalom, B., Shank, B., Doherty, M., Yopp, J., Gee, T., Berman, E., Straus, D., Kempin, S., Lee, B., Kolitz, J., Cunningham, I., Flomenberg, N., Toner, G., Crown, J., Bertino, J., Fuks, Z., O'Reilly, R.J., Clarkson, B.: Improvement of results with variation of intensive therapy prior to autologous bone marrow transplantation. Proceedings American Society of Clinical Oncology, 8: 1061, March 1989.
141. Bonilla, M., Gilmore, B., Gillio, A., Ruggiero, M., Abboud, M., Brochstein, J., Gabilove, J., Vincent, M., Priest, J., O'Reilly, R.J.: In vivo administration of recombinant human G-CSF corrects the neutropenia associated with Schwachman-Diamond syndrome. Blood, 74: 1224a, 1989.
142. Brochstein, J., Gillio, A., Ruggiero, M., Kernan, N., Emanuel, D., Laver, J., Small, T., O'Reilly, R.: Bone marrow transplantation (BMT) from HLA-identical or haploidentical donors for correction of Wiskott-Aldrich syndrome. APS/SPR, 1989.
143. Castro-Malaspina, H., Brochstein, J., Childs, B., Laver, J., Cunningham, I., Flomenberg, N., Gillio, A., Young, J., Emanuel, D., Small, T., Shank, B., Kernan, N.A., O'Reilly, R.J.: HLA-matched unmodified allogeneic BMT for severe aplastic anemia (SAA): The MSKCC experience. Blood, 74: 313a, 1989.
144. Castro-Malaspina, H., Brochstein, J., Childs, B., Laver, J., Cunningham, I., Flomenberg, N., Gillio, A., Young, J., Kernan, N., Emanuel, D., Small, T., O'Reilly, R.J.: Therapy of aplastic anemia (AA) with anti-thymocyte globulin (ATG): The MSKCC experience. Blood, 74: 1a, 1989.
145. Castro-Malaspina, H., Childs, B., Cunningham, I., Flomenberg, N., Young, J., Kernan, N., Shank, B., O'Reilly, R.J.: T-cell depleted BMT for severe aplastic anemia in adults. Blood, 74: 1067a, 1989.
146. Emanuel, D., Kernan, N., Castro-Malaspina, H., Cunningham, I., Taylor, J., Small, T., Keever, C., Flomenberg, N., Young, J., O'Reilly, R.J.: Cytomegalovirus-associated bone marrow failure after allogeneic bone marrow transplantation successfully treated with the combination of ganciclovir and high dose CMV immune globulin. Blood, 74: 905a, 1989.

147. Gasparetto, C., Smith, C., Warren, D., Collins, N., O'Reilly, R.J., Moore, M.: Analysis of actions of cytokines on early human and primate hematopoietic progenitor cells utilizing an in-vitro pre-CFU assay. Blood, 74: 1232a, 1989.
148. Gazzola, M., Collins, N., O'Reilly, R.J., Keever, C.: Human recombinant interleukin 3 induces interleukin 2 receptor expression on early myeloid cells. Blood, 74: 856a, 1989.
149. Haimi, J., Pinkel, D., Gray, J., Rehmann, B., Kernan, N.A., Chaganti, R., O'Reilly, R.J., Andreeff, M.: Determination of residual host cells in sex-mismatched bone marrow transplantation (BMT) by fluorescence in-situ hybridization (FISH) chromosome specific DNA probes. AACR, Vol. 30, 1989.
150. Keever, C., Gazzola, M., Pecora, A., Radziejewski, C., Pekle, K., O'Reilly, R.J.: Culture induced resistance of lymphokine activated killer cell precursors to L-leucl-L-leucinemethylester. Blood, 74: 20a, 1989.
151. Kernan, N., Emanuel, D., Castro-Malaspina, H., Cunningham, I., Young, J., Flomenberg, N., O'Reilly, R.J.: Posttransplant immunosuppression with antithymocyte globulin and methylprednisolone prevents immunologically mediated graft failure (GF) following a T-cell depleted marrow transplant. Blood, 74: 1026a, 1989.
152. Kushner, B., Gulati, S., O'Reilly, R.J., Heller, G., Cheung, N.K.: Successful autografting with bone marrow exposed to repeated courses of very high dose cyclophosphamide (CPM) in vivo and to 4-hydroperoxycyclophosphamide (4HC) in vitro. Blood, 74: 1603a, 1989.
153. Munn, D., Halloran, P., Cheung, N.K., (Intr. by R.J. O'Reilly): Phagocytosis of intact tumor cells in the mechanism of in vitro anti-tumor antibody-dependent cytotoxicity (ADCC) by MCSF-activated human monocytes. Blood, 74: 026a, 1989.
154. O'Reilly, R., Brochstein, J., Kernan, N., Keever, C., Small, T., Laver, J., Emanuel, D., Gillio, A., Collins, N., Reisner, Y.: Correction of severe combined immunodeficiency with HLA A,B,D disparate SBA E⁻ T-cell depleted marrow, APS/SPR, 1989.
155. Small, T., Keever, C., Knowles, R., O'Reilly, R.J., Flomenberg, N.: CD1c expression during normal B cell ontogeny. Tissue Antigens, 33: 71, 1989.
156. Small, T., Wiener-Fedus, S., DiSanto, J., Gure, A., Knowles, R., O'Reilly, R.J., Flomenberg, N.: IV Leukocyte Differential Workshop. Analysis of CD23 and unclustered antibodies with CD23+ L-cell transfectants. Tissue Antigens, 33: 139, 1989.
157. Small, T., Wiener-Fedus, S., Keever, C., Knowles, R., Terry, L., DiSanto, J., O'Reilly, R.J., Krangel, M., Flomenberg, N.: Circulating gamma-delta T-cells following HLA-matched bone marrow transplantation. Blood, 74: 314a, 1989.
158. Smith, C., Gasparetto, C., Moore, M., Gilboa, E., O'Reilly, R.J.: Retroviral mediated gene transfer into human primitive hematopoietic progenitors. Blood, 74: 332a, 1989.
159. Shank, B., Cunningham, I., Flomenberg, N., Castro-Malaspina, H., Brochstein, J., Kernan, N., Yahalom, J., Black, P., Bonfiglio, P., Kutcher, G., Mohan, R., O'Reilly, R.J.: Convegno Internazionale, Perugia, Italy, 1989.
160. Berman, E., Little, C., Schluger, A., Gee, T.S., O'Reilly, R.J., Clarkson, B.D.: Accrual of adult patients (PTS) with acute myelogenous leukemia (AML) in first complete remission (CR) to allogeneic bone marrow transplantation (ABMT). Blood, 76: 528a, 1990.
161. Bourhis, J.H., O'Reilly, R.J., Dennig, D., Donohue, J., Gerritsen, W.R.: Monosomy 7 is only expressed in one cell lineage as determined by fluorescent in situ hybridization. Blood, 76: 256a, 1990.
162. Carabasi, M.H., Young, J.W., Kernan, N.A., Castro-Malaspina, H., Flomenberg, N., Papadopoulos, E., Collins, N.H., Mainsonette, L., Mandell, L., Fuks, Z., O'Reilly, R.J.: Initial results with T-cell depleted allogeneic bone marrow transplants following TBI/VP-16 cyclophosphamide in patients with chronic myelogenousleukemia in

first chronic or early accelerated phase. Blood, 76: 531a, 1990.

163. Castro-Malaspina, H., Childs, B., Cunningham, I., Flomenberg, N., Young, J., Kernan, N., Mandell, L., O'Reilly, R.J.: T-cell depleted BMT for severe aplastic anemia in adults. Journal of Cellular Biochemistry, Suppl 14A: C109, 1990.
164. Childs, B., Castro-Malaspina, H., Kernan, N., Cunningham, I., Flomenberg, N., Brochstein, J., Emanuel, D., Small, T., Collins, N., Young, J., Carabasi, M., Papadopoulos, E., Gillio, A., Black, P., O'Reilly, R.J.: Conventional versus T-cell depleted allogeneic bone marrow transplantation for acute leukemia in remission: A randomized trial. Blood, 76: 533a, 1990.
165. Collins, N.H., Gazzola, M.V., Lebkowski, J., Okarma, T., O'Reilly, R.J. (Intr. by C. Tan): T cell depletion of allogeneic bone marrow grafts by soybean lectin agglutination and adherence on CD5/CD8 AIS Collector-T cell: Laboratory evaluation. Blood, 76: 533a, 1990.
166. Collins, N.H., Kernan, N.A., Bleau, S.A., Jagiello, C., Black, P., Heller, G., O'Reilly, R.J., (Intr. by C. Tan): Comparison of primary and secondary bone marrow harvests. Blood, 76: 533a, 1990.
167. Collins, N.H., Lebkowski, J., Okarma, T., Okrongly, D., Strand, V., O'Reilly, R.J.: Depletion of T lymphocytes from soybean lectin agglutinin treated bone marrow with the AIS T-collector. Journal of Cellular Biochemistry, Suppl 14A: C205, 1990.
168. Dale, D.C., Hammond, W.P., Gabrilove, J., Jakubowski, A., Bonilla, M.A., O'Reilly, R.J., Anderson, C.Z., Vincent, M., Welte, K.: Long term treatment of severe chronic neutropenia with recombinant human granulocyte colony stimulating factor (r-metHuG-CSF). Blood, 76: 139a, 1990.
169. Denning, D., O'Reilly RJ: Interleukin 7 (IL-7) enhances B cell accessory function. Blood, 76: 204a, 1990.
170. Emanuel, D., Laver, J., Warren, D., O'Reilly, R.J., Castro-Malaspina, H.: Impairment of CD34+ hematopoietic cell clonogenicity by human cytomegalovirus (HCMV). International Society for Experimental Hematology, Seattle, 1990.
171. Gerritsen, W.R., Collins, N.H., O'Reilly, R.J.: G-CSF, but not GM-CSF, IL-1 or IL-3 protected haemopoietic progenitor cells in vitro from growth with inhibition by allocytotoxic lymphocytes. Blood, 76: 145a, 1990.
172. Gillio, A.P., Castro-Malaspina, H., Gasparetto, C., Small, T.N., Childs, B., Reilly, L.K., Arasi, V., Young, D., Oldham, F., Nadler, P., Moore, M., O'Reilly, R.J.: A phase I trial of recombinant human interleukin-3 in patients with myelodysplastic syndrome and aplastic anemia. Blood, 76: 145a, 1990.
173. Homge, M., Pereira, J., Kernan, N.A., Black, P., O'Reilly, R.J., Pinkel, D., Gray, J., Andreeff, M., (Intro. by A. Redner): Detection of residual/recurrent host cells after allogeneic BMT using fluorescence-in-situ-hybridization (FISH). Blood, 76: 545a, 1990.
174. Kernan, N., Kahn, R., Landrey, C., O'Reilly, R., Dupont, B., Yang, S.Y.: HLA-matching for unrelated bone marrow transplantation: Selection of donors based on class I IEF variants. ISEH, 1990.
175. Kushner, B.H., Gulati, S.C., O'Reilly, R.J., Heller, G., Cheung, N.K.: Autografting with bone marrow exposed to multiple courses of very high dose cyclophosphamide (CPM) in vivo and to 4-hydroperoxycyclophosphamide (4-HC) in vitro. International Society of Paediatric Oncology (SIOP) XXII Meeting, Rome, 1990.
176. Kushner, B.H., O'Reilly, R.J., LaQuaglia, M., Mandell, L.R., Cheung, N.K.: Dose-intensive use of cyclophosphamide in ablation of neuroblastoma. International Society of Paediatric Oncology (SIOP) XXII Meeting, Rome, 1990.
177. Kushner, B.H., O'Reilly, R.J., Mandell, L.R., Gulati, S.C., LaQuaglia, M., Cheung, N.K.: Myeloablative combination chemotherapy (without total body irradiation) for neuroblastoma. International Society of Paediatric Oncology (SIOP) XXII Meeting, Rome, 1990.

178. Small, T.N., Flomenberg, N., Black, P., O'Reilly, R.J., Kernan, N.A.: Effect of graft rejection prophylaxis with anti-thymocyte globulin (ATG) and methylprednisolone (MP) on immune reconstitution following T-cell depleted bone marrow transplantation. Blood, 76: 566a, 1990.
179. Smith, C., Muench, M., Gasparetto, C., O'Reilly, R.J., Gilboa, E., Moore, M.A.S., (Intr. by M. Sorell): Development of LAC Z marked leukemic cell lines as models of leukemia. Blood, 76: 322a, 1990.
180. Young, J.W., Papadopoulos, E., Carabasi, M.H., Castro-Malaspina, H., Cunningham, I., Flomenberg, N., Brochstein, J.A., Heller, G., Black, P., Collins, N.H., Shank, B., Kernan, N.A., Fuks, Z., O'Reilly, R.J.: T-cell depleted allogeneic bone marrow transplantation in adults with ANLL in first remission. Blood, 76: 575a, 1990.
181. Pahwa R, O'Reilly RJ, Pahwa S, Incefy GS, Good RA: Rationale for combined use of fetal liver and thymus for immunological reconstitution of patients with severe combined immunodeficiency. XV International Congress of Pediatrics. (Abstract).
182. Incefy, G.S., O'Reilly, R.J., Kapoor, N., Iwata, T., Goldstein, G., Good, R.A.: In vitro differentiation of human marrow T-cell precursors by thymopoietin and its synthetic pentapeptide (TP-5) in severe combined immunodeficiency. Fed. Proc. (Submitted).
183. Kernan, N.A., Khan, R., Landrey, C., O'Reilly, R.J., Dupont, B., Yang, S.Y.: Identification of unrelated bone marrow donors based on matching for class I IEF subtypes. Blood 76: 548a, 1990.
184. Gasparetto, C., Smith, C., Gillio, A.P., Stoppa, A., Muench, M., Moore, M.A.S., O'Reilly, R.J.: Enrichment of peripheral blood stem cells with cytokine treatment in a preclinical primate model. Blood 76:541a, 1990.
185. Alter, B.P., Knobloch, M.E., He, L., Gillio, A.P., O'Reilly, R.J., Reilly, L.K., Zsebo, K.M.: Effect of stem cell factor (SCF) on in vitro erythropoiesis in patients with bone marrow failure syndromes (BMFS). Blood, 78:22a, 1991.
186. Faulkner, L.B., Gasparetto, C., Sullivan, M., Reilly, L.K., Gillio, A.P., O'Reilly, R.J., Moore, M.A.S.: Bone marrow clonogenic analysis of patients with Diamond-Blackfan anemia (DBA), Fanconi's anemia (FA) and Dyskeratosis congenita (DC). Blood, 78:23a, 1991.
187. Gerritsen, W.R., Bourhis, J.H., Donohue, J., Jhanwar, S., Castro-Malaspina, R.J., Kernan, N.A., O'Reilly, R.J.: Frequency of monosomy 7 in different cell lineages in myelodysplastic syndromes. Blood, 78:36a, 1991.
188. Gillio, A.P., Castro-Malaspina, H., Gasparetto, C., Small, T.N., Childs, B., Reilly, L.K., Young, D., Oldham, F., Nadler, P., Moore, M.A.S., O'Reilly, R.J.: Human recombinant interleukin-3 treatment in patients with myelodysplastic syndrome and aplastic anemia. Blood, 78:95a, 1991.
189. Gillio, A.P., Gasparetto, C., Faulkner, L., Reilly, L.K., Lipton, J., Alter, B., Young, D., Oldham, F., Nadler, P., Moore, M.A.S., O'Reilly, R.J.: Successful treatment of Diamond-Blackfan anemia with recombinant human IL-3. Blood, 78:153a, 1991.
190. Gerritsen, W.R., Collins, N.H., Gasparetto, C., O'Reilly, R.J.: Cytokines can influence the susceptibility of primary and secondary colony forming cells to killing by allo cytotoxic T-cells. Blood, 78:177a, 1991.
191. Bourhis, J.H., Jagiello, C.A., Black, P., O'Reilly, R.J., Gerritsen, W.R.: Mixed chimerism predicts an unfavorable determining outcome for T-cell depleted allogeneic bone marrow transplantation. Blood, 78:224a, 1991.
192. Carabasi, M.H., Collins, N.H., Papadopoulos, E., Castro-Malaspina, H., Young, J.W., Maisonet, L., Lebkowski, J., O'Reilly, R.J.: New technology for depletion of T-cells from soybean lectin agglutinated (SBA), HLA-matched bone marrow grafts for leukemia: Initial clinical results. Blood, 78:225a, 1991.
193. Small, T.N., Flomenberg, N., Black, P., O'Reilly, R.J., Kernan, N.A.: Comparison of immune reconstitution following T-cell depleted bone marrow transplantation from related versus unrelated donors. Blood, 78:226a, 1991.

194. Small, T.N., Gardner, S., Weiner-Fedus, S., O'Reilly, R.J., Flomenberg, N.: In vitro cytokine production and responsiveness following T-cell depleted haplo-identical bone marrow transplantation for severe combined immunodeficiency disease (SCID). Blood, 78:248a, 1991.
195. Salomon, O., Cheung, N., Nguyen, H., Myers, D., O'Reilly, R.J., Reisner, Y.: A new model for human solid tumors and acute myeloid leukemia in SCID/BALB chimeric mice. Blood, 78:289a, 1991.
196. Dennig, D., and O'Reilly, R.J.: Interleukin-7 induces phenotypic and functional differentiation in human pre-B cells. Blood, 78:320a, 1991.
197. Childs, B., Tomelden, C., Chasseing, N.A., O'Reilly, R.J., Castro-Malaspina, H.: Stimulated monocytes from severe aplastic anemia patients are deficient in production of IL-6, but not deficient in Gm-CSF production. Blood, 78:367a, 1991.
198. Marijt, W.A.F., Falkenberg, J.H.F., Diaz-Barrientos, T., Veenhof, W.F.J., O'Reilly, R.J., Van Rood, J.J., Walker, R.I., Willenze, R., Kernan, N.A.: Multiple minor histoincompatibility (MH) antigen specificities recognized by cytotoxic T-lymphocyte (CTL) clones, mediating graft rejection (GR) after HLA-genotypically identical (HLA-GID) bone marrow transplantation (BMT). Blood, 78:401a, 1991.
199. Papadopoulos, E., Carabasi, M.H., Castro-Malaspina, H., Flomenberg, N., Young, J., Childs, B., Kernan, N.A., Black, P., Lindsley, K., O'Reilly, R.J.: Results of allogeneic T-cell depleted bone marrow transplantation in patients above the age of 40 years. Blood, 78:402a, 1991.
200. Castro-Malaspina, H., Childs, B., O'Reilly, R.J.: Clonal development (MDS) in aplastic anemia patients with long-term survival. Leuk. Res., in press, 1991.
201. Castro-Malaspina, H., Childs, B., Papadopoulos, E., Carabasi, M., Young, J., O'Reilly, R.J.: Carboplatin in combination with hyperfractionated TBI, cyclophosphamide, and histocompatible T-cell depleted BMT for patients with MDS. Leuk. Res., 1991.
202. Mackinnon, S., Barnett, L., Bourhis, J.H., O'Reilly, R.J.: Myeloid and lymphoid chimerism following T-cell depleted bone marrow transplantation (BMT): Use of the polymerase chain reaction (pcr) to amplify human minisatellite regions of genomic DNA. Blood, 80:140a, 1992.
203. Papadopoulos, E., Carabasi, M., Young, J., Castro-Malaspina, H., Childs, B., Mackinnon, S., Taylor, J., Collins, N., Lindsley, K., Black, P., Kernan, N., O'Reilly, R.: Results of T-cell depleted (TCD) allogeneic BMT after TBI, thiotepa and cyclophosphamide in patients with leukemia. Blood, 80:170a, 1992.
204. Emanuel, D., Taylor, J., Brochstein, J., Kernan, N.A., Boulad, F., Small, T., Gillio, A., Laver, J., Castro-Malaspina, H., Young, J., Papadopoulos, E., Carabasi, M., Childs, B., Flomenberg, N., O'Reilly, R.J.: The use of intravenous immune globulin as prophylaxis for the infectious complications of allogeneic marrow transplantation. Blood, 80:271a, 1992.
205. Carabasi, M., Collins, N.H., Small, T.N., Papadopoulos, E., Castro-Malaspina, H., Young, J.W., Childs, B., Lebkowski, J., OKarma T.B., Maisonette, L., O'Reilly, R.J.: Clinical results after HLA-matched related bone marrow transplants for leukemia depleted of T-cells by soybean lectin combined with AIS CELLectors. Blood, 80:335a, 1992.
206. Small, T.N., Carabasi, M., Collins, N.H., Gardner, S., Kernan, N.A., O'Reilly R.J.: Immune reconstitution following transplantation of bone marrow (BM) depleted of T-cells by soybean agglutination followed by adherence on CD5/CD8 T-CELLector plates. Blood, 80:337a, 1992.
207. Okrongly, D.A., Tantoco, M., Lebkowski, J.S., OKarma, T.B., Collins, N.H., Carabasi, M., Srour, E.F., Tricot, G., O'Reilly, R.J.: Correlation of lymphocyte subset dose and development of acute GvHD in bone marrow transplantation with matched related donors. Blood, 80:373a, 1992.

208. Boulad, F., Brochstein, J.A., Gillio, A., Giardina, P., Kernan, N.A., Small, T.N., Emanuel, D., O'Reilly, R.J.: Comparison of two bone marrow transplantation (BMT) cytoreductive regimens for the treatment of homozygous beta-thalassemia (HBT). Blood, 80:519a, 1992.
209. Papadopoulos, E., Caron, P., Castro-Malaspina, H., Childs, B., Mackinnon, S., Young, J.W., Jurcic, J., Finn, R., Larson, S., O'Reilly, R.J., Scheinberg, D.A.: Results of allogeneic bone marrow transplant following ¹³¹I-195/busulfan/cyclophosphamide (BU/CY) in patients with advanced/refractory myeloid malignancies. Blood, 82:80a, 1993.
210. Mackinnon, S., Barnett, L., Heller, G., O'Reilly, R.J.: Minimal residual disease is more common in patients who have mixed T-cell chimerism following bone marrow transplantation for chronic myelogenous leukemia. Blood, 82:169a, 1993.
211. Kernan, N.A., Schroeder, M., Preti, R.A., Boulad, F., Small, T.N., Emanuel, D., Gillio, A., Ciavarella, D., Adamson, J., Rubinstein, P., O'Reilly, R.J.: Hematopoietic and immune reconstitution with umbilical cord infusion in a patient with Wiskott-Aldrich Syndrome (WAS). Blood, 82: 171a, 1993.
212. Gillio, A., Boulad, F., Small, T.N., Kernan, N.A., Reves, B., Childs, B., Castro-Malaspina, H., O'Reilly, R.J.: Treatment of severe aplastic anemia (SAA) in children: The MSKCC experience. Blood, 82: 177a, 1993.
213. Small, T.N., Papadopoulos, E., Kernan, N.A., O'Reilly, R.J.: Effects on immune reconstitution of unirradiated donor leukocyte infusions for the treatment or prophylaxis of EBV-lymphoproliferative disorders following unrelated bone marrow transplantation (BMT). Blood, 82: 214a, 1993.
214. Dennig, D., Lacerda, J.F., O'Reilly, R.J.: HLA class II-independent V β -restricted oligoclonal T-cell proliferation in response to superantigen. Blood, 82: 246a, 1993.
215. Salomon, O., Collins, N.H., Nguyen, H., Rodriguez, E., Falkenberg, F., O'Reilly, R.J.: Evaluation of the anti-leukemic activity of human LAK cells and allocytotoxic T-cells in SCID mice bearing fresh human AML xenografts. Blood, 82:307a, 1993.
216. Salomon, O., Nguyen, H., Rodriguez, E., Reisner, Y., O'Reilly, R.J.: Comparative analysis of the growth and dissemination of primary human myeloid leukemic cells in different immunodeficient mouse models. Blood, 82: 429a, 1993.
217. Weimar, I., Bourhis, J-H, O'Reilly, R.J., Nakamura, T., de Gast, G.C., Gerritsen, W.: The met protooncogene and its ligand hepatocyte growth factor play a role in both normal and malignant hemopoiesis. Blood, 82: 506a, 1993.
218. Yan, Y., Dennis, D., Salomon, O., O'Reilly, R.J.: Subcutaneous growth of human leukemias in immunodeficient SCID mice. Blood, 84: 48a, 1994.
219. Lucas, K., Small, T., O'Reilly, R.J. and Dupont, B.: The development of Epstein-Barr virus specific cellular immunity following allogeneic marrow transplantation. Blood, 84: 98a, 1994.
220. Boulad, F., Gillio, A., Small, T., Black, P., Kernan, N., Reyes, B., O'Reilly, R.J.: Bone marrow transplantation (BMT) for the treatment of childhood acute myelogenous leukemia (AML): The MSKCC experience. Blood, 84: 251a, 1994.
221. Michel, G., Boulad, F., Small, T., Black, P., Heller, G., Childs, B., Castro-Malaspina, H., Gillio, A., Mackinnon, S., Papadopoulos, E., Young, J., Kernan, N.A. and O'Reilly, R.J.: Risk of relapse after allogeneic bone marrow transplantation (BMT) for the treatment of acute myelogenous leukemia (AML) with prior skin involvement. Blood, 84:207a, 1994.
222. Boulad, F., Steinerherz, P., Reyes, B., Gillio, A., Small, T., Kernan, N.A. and O'Reilly, R.J.: Allogeneic bone marrow transplantation (BMT) versus chemotherapy for the treatment of childhood acute lymphoblastic leukemia (ALL) in second remission (CR₂): The MSKCC experience. Blood, 84:251a, 1994.
223. Papadopoulos, E.B., Boulad, F., Carabasi, M.H., Castro-Malaspina, H., Childs, B.H., Collins, N.H., Emanuel, D.,

- Gillio, A.P., Kernan, N.A., Mackinnon, S., Small, T.N. Lindsley, K., Yahalom, J., Bleau, S., Black, P., Heller, G., O'Reilly, R.J., Young, J.W. : Improved disease-free survival in recipients of T-cell depleted (SBA'E) bone marrow allografts for acute non-lymphocytic leukemia in first remission. Blood, 84:331a, 1994.
224. Lacerda, J.F., Dennig, D., Lucas, K., Collins, N., Ladanyi, M., Papadopoulos, E. and O'Reilly, R.J.: Adoptive immunotherapy with human Epstein-Barr virus (EBV) specific cytotoxic T lymphocytes (CTL) for the treatment of severe combined immunodeficiency (SCID) mice bearing human EBV-induced B cell lymphoproliferative disorders (EBV-LPD). Blood, 84:398a, 1994.
 225. Lacerda, J.F., Dennig, D., Ladanyi, M., Jagiello, C., Nguyen, H., Collins, N.H. and O'Reilly, R.J.: Growth of Epstein-Barr virus-induced human B-cell lymphoproliferative disorders (EBV-LPD) in mice with severe immunodeficiency (SCID) is facilitated by depletion of mouse natural killer cell function with rabbit anti-asialo GM1 antiserum (α -asialo GM1).: Blood, 84:497a, 1994.
 226. Fernandez, J.M., Collins, N.H., Berenson and O'Reilly, R.J.: T-cell recovery during T-cell depletion of human bone marrow by SBA'E or SBA- CD34+ selection.: Blood, 84:500a 1994.
 227. Castro-Malaspina, H., Childs, B., Gillio, A., Papadopoulos, E., Boulad, F., Young, J., Small, T., Mackinnon, S., Kernan, N., Collins, N., Reyes, B and O'Reilly, R.J.: Improved disease-free survival in patients with low risk (<5% marrow blasts) myelodysplastic syndromes treated with HLA-identical sibling-derived T-cell depleted (SBA'E) marrow transplants. Blood, 84:518a, 1994.
 228. Mackinnon, S., Papadopoulos, E.B., Carabasi, M.H., Reich, L., Collins, N.H., Boulad, F., Castro-Malaspina, H., Childs, B., Gillio, A., Kernan, N.A., Small, T., Young, J. and O'Reilly, R.J.: Adoptive immunotherapy using escalating doses of donor leukocytes for relapsed chronic myeloid leukemia following allogeneic bone marrow transplantation. Blood, 84:538a, 1994.
 229. Carabasi, M.H., Collins, N.H., Small, T.N., Castro-Malaspina, H., Childs, B.H., Mackinnon, S., Papadopoulos, E.B., Young, J.W., Lebkowski, J., Okarma, T., Van Hoef, M., Black, P., O'Reilly, R.: Long term follow-up of recipients of HLA-matched related bone marrow transplants depleted of T cells by soybean lectin agglutination combined with AIS CELlectors. Blood, 86:95a, 1995.
 230. Salomon, O., Childs, B., Young, J., Papadopoulos, E., Mackinnon, S., O'Reilly, R., Castro-Malaspina, H.: T cell-depleted bone marrow transplantation (BMT) for paroxysmal nocturnal hemoglobinuria (PNH) in adults. Blood, 86:387a, 1995.
 231. Lacerda, J.F., Ladanyi, M., Loui, D.C., Jagiello, C., Fernandez, J.M., Papadopoulos, E., O'Reilly, R.J.: Human Epstein-Barr virus (EBV)-specific cytotoxic T lymphocytes (EBV-CTL) home preferentially to and induce selective regressions of autologous B-cell EBV-induced lymphoproliferations (EBV-LPD in xenografted C.B-17 SCID/SCID mice. Blood 86: 462a, 1995.
 232. Carabasi, M.H., Castro-Malaspina, Childs, B.H., Papadopoulos, E.B., Young, J.W., Collins, N.H., Black, P., O'Reilly, R.J., Mackinnon, S.: Impact of thiopeta and donor lymphocytes infusions on outcome after T cell depleted (TCD) allogeneic BMT in patients with chronic phase (CP) CML. Blood 86: 565a, 1995.
 233. Mackinnon, S., Papadopoulos, E.B., Carabasi, M.H., Reich, O., Collins, N.H., Boulad, F., Castro-Malaspina, H., Childs, B., Gillio, A., Kernan, N.A., Small, T., Young, J., O'Reilly, R.J.: Donor leukocytes infusions form olecular or cytogenetic relapse of CML following allogeneic BMT: Graft-versus-Leukemia responses with minimal toxicity. Blood 86: 566a, 1995.
 234. Paz-Carreira, J.M., Childs, B., Papadopoulos, E., Young, J., Mackinnon, S., Kaner, R., Zakowski, M., O'Reilly, R., Castro-Malaspina, H.: Primary pulmonary hemorrhage (PPH) in T-cell depleted (TCD) bone marrow transplantation. Blood 86:568a, 1995.
 235. Collins, N.H., Bleau, S., Kernan, N.A., Black, P., O'Reilly, R.J.: Prevention of acute and chronic Graft vs. Host Disease (GVHD) by SBA-E- T-cell depleted marrow grafts: Dose of T cells, quantitated by limiting dilution distinguishes patients at risk of GVHD following matched related but not matched unrelated marrow grafts. Blood

86:619a, 1995.

236. Kernan, N.A., Young, J., Papadopoulos, E., Black, P., Small, T.N., Mackinnon, S., Castro-Malaspina, H., Childs, B., Gillio, A., Boulad, F., Heller, G., O'Reilly, R.J.: Antithymocyte globuline (ATGAM) & Methylprednisolone (MP) promote engraftment of T cell depleted (SBA-E-) BMTs from HLA-identical siblings. Blood 86:621a, 1995.
237. Fernandez, J.M., Yan, Y., Bleau, S., Collins, N.H., O'Reilly, R.J.: T cell depletion of peripheral blood progenitor cells (PBPC) by either CD34+ selection and E-rosette depletion or SBA agglutination and E-rosette depletion: comparison of T-cell and hematopoietic cell progenitor recovery. Blood 86:626a, 1995.
238. Childs, B.H., Zhang, X., Tomelden, C., Siegel, D., Castro-Malaspina, H., Niesvizky, R., Lebkowski, J.S., O'Reilly, R.J.: Depletion of myeloma cells from bone marrow by isolation of cD34+ hematopoietic stem cells. Blood 86:981a, 1995.
239. Hedrick, E.E., Wuest, D., Childs, B., Coady-Lyons, N., Glassman, J., Moskowitz, C.H., Reich, L., O'Reilly, R.J., Nimer, S.D. Comparative analysis of platelet (PLT) transfusion requirements and PLT engraftment characteristics in 195 patients with hematologic malignancies treated with allogeneic BMT, autologous BMT, or peripheral blood progenitor cell (PBPC) transplantation. Blood 88:115a, 1996.
240. Gardner, S., Boulad, F., Gillio, A., Kernan, N., O'Reilly, R., Small, T., Szabolcs, P., Tan, C., Ganshaw, L., Van Syckle, K., Moskowitz, C., and Yahalom, J. High dose therapy with autologous stem cell rescue in pediatric patients with refractory Hodgkin's Disease. Blood 88: 123a, 1996.
241. Yan, Y., McGuirk, J., Steinherz, P., O'Reilly, R.J. In vitro and in vivo anti-leukemic activity of a natural killer (NK) cell clone against both primary human leukemias and leukemic cell lines. Blood 88: 245a, 1996.
242. Kernan, N. A., Boulad, F., Gillio, A., Small, T., Van Syckle, K., Szabolcs, P., Collins, N.H., Yang, S.Y., Landrey, C., Mitchell-Grant, J., Bleau, S., Dupont, B., O'Reilly, R.J. Reduced acute and chronic graft versus host disease (GVHD) do not compromise leukemia free survival following T cell depleted SBA + E- unrelated marrow transplants for pediatric acute lymphoblastic leukemia. Blood 88:268a, 1996.

243. Yan, Y., Koo, K., Collins, N.H., O'Reilly, R.J. Leukemia cells derived from relapsed and/or refractory patients that express multidrug resistant (MDR) protein p-gp 170 are sensitive to lysis by natural killer cell line NK-92. Blood 88: 364a, 1996.
244. Small, T., Boulad, F., Kernan, N., Szabolcs, P., Van Syckle, K., Papadopoulos, E., Black, P., Taylor, J., Childs, B., Young, J., Castro-Malaspina, H., Jakubowski, A., O'Reilly, R.J. Analysis of opportunistic infections in 423 patients following allogeneic unmodified or T cell depleted (TCD) related or unrelated bone marrow transplantation. Blood 88: 427a, 1996.
245. Boulad, F., Castro-Malaspina, H., Papadopoulos, E., Childs, B., Gillio, A., Kernan, N., Small, T., Szabolcs, P., Taylor, J., Van Syckle, K., Williams, T., Young, J., O'Reilly, R. Monosomy 7 predicts a poor outcome after allogeneic bone marrow transplantation (BMG). Blood 88:617a, 1996.
246. Boulad, F., Gillio, A., Gardner, S., Kernan, N., Small, T., Van Syckle, K., Williams, T., Yahalom, J., O'Reilly, R.. Allogeneic bone marrow transplantation (Allo-BMT) or autologous BMT (ABMT) for the treatment of pediatric patients with non-Hodgkin's Lymphoma (NHL). Blood 88:617a, 1996.
247. Papadopoulos, E.B., Small, T., Ladanyi, M., Boulad, F., Castro-Malaspina, H., Childs, B., Kernan, N., Mackinnon, S., Szabolcs, P., Young, J., O'Reilly, R.J. Current results of conor leukocyte infusions (DLI) for treatment of Epstein-Barr virus associated lymphoproliferative disorders (EBV LPD) following related and unrelated T cell depleted bone marrow transplant (TCDBMT). Blood 88: 681a, 1996.
248. George, D., Gillio, A., Van Syckle, K., Kernan, N., Small, T., Szabolcs, P., Castro-Malaspina, H., Williams, T., O'Reilly, R. Boulad, F. Platelet sensitivity to tapering doses of cyclosporine-A (CSA) in children with severe aplastic anemia (SAA). Blood 88:11b, 1996.
249. Avigan D, Papadopoulos EB, Boulad F, Castro-Malaspina H, Childs BH, Mackinnon S, Gillio AP, Kernan NA, Szabolcs P, Young JW, O'Reilly RJ, Small TN: Opportunistic infections following related and unrelated T-cell depleted bone marrow transplantation. Intl Soc Exp Hem. Abstract, 1996
250. Gardner S, Boulad F, Gillio AP, Kernan NA, O'Reilly RJ, Small TN, Szabolcs P, Tan C, Ganshaw L, Van Syckle K, Moskowitz C, Yahalom J: High-dose therapy with autologous stem cell rescue in pediatric patients with refractory Hodgkin's disease. Blood. 88 (Suppl 1):123a, 1996
251. Kernan NA, Boulad F, Gillio AP, Small TN, Van Syckle K, Szabolcs P, Collins NH, Yang SY, Landrey C, Mitchell-Grant J, Bleau S, Dupont B, O'Reilly RJ: Reduced acute and chronic graft versus host disease (GvHD) do not compromise leukemia-free survival following T-cell depleted (SBA-E-) unrelated marrow transplants for pediatric acute lymphoblastic leukemia. Blood 88 (Suppl 1):11b, 1996
252. O'Reilly RJ, Papadopoulos EB, Lacerda J, Lucas K, Small TN. Use of donor-derived leukocytes and T-cell lines containing EBV-specific T-cells for adoptive immunotherapy of EBV-induced lymphomas complicating allogeneic marrow transplants. International Society of Pediatric Oncology (SIOP), XXIXth Meeting, 1997
253. Castro-Malaspina H, Childs B, Papadopoulos E, Boulad F, Young J, Small T, Kernan N, Collins N, O'Reilly R: T-cell depleted (SBA-E-) bone marrow transplantation for myelodysplastic syndromes. Leukemia Research. Clinical & Laboratory Studies. 4th International Symposium on Myelodysplastic Syndromes. 21(Suppl 1) Abstract, 1997
254. Abboud MR, Kletzel M, Miller S, Jackson S, Smith H, Laver J, O'Reilly RJ, Boulad F. Bone marrow transplantation for sickle cell disease. Blood 90(Suppl 1):229a. 1997
255. Small T, Wan W, Selva-Kuman E, Papadopoulos E, Boulad F, O'Reilly RJ, Clark R. Longitudinal analysis of serum levels of insulin-like growth factor-1 post bone marrow transplantation. Blood 90(Suppl 1):541a. 1997
256. Verfuert S, Vyas P, Barnett L, O'Reilly RJ, Mackinnon S. T cell receptor V β spectratyping using TR-PCR to monitor immune reconstitution following T cell depleted allogeneic BMT and the effect of donor leukocyte infusions on T cell repertoire. Blood 90(Suppl 1):550a. 1997

257. Childs BH, Boulad F, Castro-Malaspina H, George D, Jakubowski A, Kernan NA, Papadopoulos EB, Small TN, Szabolcs P, Young JW, Black P, O'Reilly RJ. Second allogeneic bone marrow transplant (BMT) for relapsed disease or secondary malignancies. Blood 90(Suppl 1):551a. 1997
258. Prasad VK, Kernan NA, Heller G, O'Reilly RJ, Yang SY. DNA typing for HLA-A and -B identifies disparities between patients and unrelated donors matched by HLA-A and -B serology and DRB1. Blood 90(Suppl 1):562a. 1997
259. Prasad VK, Kernan NA, Heller G, O'Reilly RJ, Yang SY. HLA-C disparity between patients and unrelated donors matched for HLA-A, -B and -DRB1 alleles by DNA typing. Blood 90(Suppl 1):562a. 1997
260. Yan Y, Koehne G, Guan XQ, Steinherz P, O'Reilly RJ. Establishment and characterization of a human B-ALL cell line expressing costimulatory and adhesion molecules for use in the generation of antigen specific T cells. Blood 90(Suppl 2):62b. 1997
261. Cole PD, Stiles J, Boulad F, Small TN, O'Reilly RJ, George D, Szabolcs P, Kiehn T, Kernan NA. Successful treatment of human herpes virus-6 encephalitis in a bone marrow transplantation recipient. Blood 90(Suppl 1):367b. 1997
262. Small TN, Wall J, Kurtzberg J, Cowan M, Boulad F, O'Reilly RJ, Friedrich W. Association of sensori-neural deafness with reticular dysgenesis. Blood 92(10)Suppl 2:55b, 1998
263. Boulad F, Kernan NA, Small TN, Szabolcs P, George D, Gillio A, Regan, Castanza J, O'Reilly RJ. Successful secondary T-cell depleted allogeneic peripheral blood stem cell transplant using a fludarabine and cyclophosphamide-based cytoreductive regimen for the treatment of graft failure. Blood 92(10)Suppl 2:355b, 1998
264. Koulova L, Young JW, O'Reilly RJ. Donor-derived EBV-specific cytotoxic T-cells are restricted by both donor unique and host unique HLA alleles following a fully allogeneic fetal liver and thymus transplant for severe combined immunodeficiency. Blood 92(10)Suppl 1:266a, 1998
265. Koulova L, Doubrovina E, Kersten M, O'Reilly RJ. Altered selection of immunodominant HLA-restricting elements by EBV-specific donor-type T-cells developing in recipients of HLA-haplotype disparate SBA-E- T-cell depleted marrow grafts. Blood 92(10)Suppl 1:266a-267a, 1998
266. Small TN, Papadopoulos E, Boulad F, Castro-Malaspina H, Childs B, Collins N, George D, Gillio A, Heller G, Kernan N, MacKinnon S, Szabolcs P, Young J, O'Reilly RJ. Comparison of in vitro immune reconstitution and opportunistic infections following unrelated and related T-cell depleted bone marrow transplantation: Effect of patient age and donor leukocyte infusions. Blood 92(10)Suppl 1:280a, 1998
267. Childs BH, Papadopoulos E, Young JW, Castro-Malaspina H, Jakubowski A, Boulad F, George D, Kernan NA, Small TN, Szabolcs P, Young JW, Morrison J, O'Reilly RJ. T-cell depleted allogeneic bone marrow transplant from HLA-matched sibling donors for non-Hodgkin's lymphoma. Blood 92(10)Suppl 1:286a, 1998
268. Papadopoulos EB, Young JW, Barnett L, Childs BH, Castro-Malaspina H, Jakubowski A, Collins N, MacKinnon S, O'Reilly RJ. Combined use of T-cell depleted bone marrow transplants with donor leukocyte infusions for treatment of patients with chronic myelogenous leukemia. Blood 92(10)Suppl 1:322a, 1998
269. George D, Barnett L, Boulad F, Childs B, Castro-Malaspina H, Jakubowski A, Kernan NA, Papadopoulos EB, Small TN, Szabolcs P, Young JW, Koulova L, O'Reilly RJ. Semi-quantitative pcr analysis of genomic EBV DNA post-BMT allows close surveillance of patients at risk for development of EBV lymphoproliferative disorders. Blood 92(10)Suppl 1:437a, 1998

270. Boulad F, Small TN, Kernan NA, Gillio A, Szabolcs P, George D, Castro-Malaspina H, Regan A, Castanza J, O'Reilly RJ. A novel familial congenital syndrome of myelodysplasia with isolated T-cell CD8 deficiency. Blood 92(10)Suppl 1:540a, 1998
271. Jakubowski A, Small TN, Collins N, Papadopoulos E, O'Reilly RJ. Risk of acute and chronic graft versus host disease associated with donor leukocyte infusion decreases with time following HLA matched SBA-E- T-cell depleted marrow grafts. Blood 92(10)Suppl 1:653a, 1998
272. Koehne G, Gallardo HG, Sadelain M, O'Reilly RJ. Rapid selection of EBV-lymphoma specific T-cells by transduction early after sensitization with a retroviral vector encoding a mutant NGFR and herpes simplex virus-thymidine kinase gene. Blood 92(10)Suppl 1:666a, 1998
273. Yan Y, Guan XQ, Steinherz P, O'Reilly RJ. Cytotoxicity of NK cell line (NK-92) against relapsed/refractory leukemias and involvement of LFA-1 antigen in the NK cell mediated cytotoxicity. Blood 92(10)Suppl 1:679a, 1998
274. Koehne G, Smith KM, Williams RY, Ferguson TL, Dupont B, O'Reilly RJ. Selection of viable interferon- γ secreting T lymphocytes for adoptive immunotherapy of EBV-lymphoproliferative disorders (EBV-LPD). Blood 98(11):386a, 2001.
275. Zacharoulis S, Boulad F, Stiles J, Kiehn TE, O'Reilly RJ, Small TN. Parainfluenza upper and lower respiratory tract infections in hematopoietic stem cell transplant (HSCT) recipients. Blood 98(11):392a, 2001.
276. Small TN, Papadopoulos EB, Boulad F, Kiehn T, Stiles J, Sepkowitz K, O'Reilly RJ. Outcome of pre-emptive or prophylactic anti-viral therapy to prevent CMV disease following T cell depleted related or unrelated BMT. Blood 98(11): 394a, 2001.
277. Alpdogan O, Schmaltz C, Muriglan SA, Doubrovina E, Kappel BJ, Greenberg AS, Rotolo JA, O'Reilly RJ, van den Brink MRM. Insulin growth factor-1 can enhance lymphoid and myeloid reconstitution after allogeneic bone marrow transplantation in murine models. Blood 98(11) 649a, 2001.
278. Giardina P, Vogiatzi M, Boulad F, Schneider R, Autio K, Sklar C, O'Reilly RJ. Spinal bone mineral density in patients with thalassemia post bone marrow transplant Blood 98(11) 399a, 2001.
279. Hsu K, Selvakumar A, Liu X-R, O'Reilly R, Dupont B. Genetic diversity of the killer cell immunoglobulin-like receptor genomic region. Blood 98(11): 700a, 2001.
280. Perez L, Alpdogan O, Shieh JH, Sullivan M, Satterwhite H, Rice S, Greenberg A, Willis L, O'Reilly RJ, Crystal R, van den Brink M, Moore M. In vivo effects of stromal derived factor-1 (SDF-1/CXCL12) on human megakaryocytopoiesis and mobilization of human hematopoietic progenitors. Blood 98(11) 799a, 2001.
281. Hsu C, Liu X, Selvakumar A, O'Reilly R, Dupont B. Killer Ig-Like receptor (KIR) haplotype identification by gene content in allogeneic marrow patients. Blood. 100: 106a, 2002.
282. Koehne G, Leiner I, Vyas Y, Williams R, Pamer E, O'Reilly, R. Down-Regulating of effector of EBV peptide-specific T cells isolated with MHC tetramers. Blood. 100: 107a, 2002.
283. Doubrovina E, Doubrovina M, Ivanova A, Ageyeva A, Balatoni J, Beresten T, Finn R, Larson S, Sadelain M, Blasberg R, Gelavani Y, O'Reilly R. Long-term in vivo monitoring of the tumor targeted migration of EBV specific cytotoxic T cells transduced to express HSV-TK PET scan following repeated in vivo labeling with [18 F]FIAU. Blood. 100: 218a, 2002.
284. Perales M, Lee S, Childs B, Castro-Malaspina H, Jakubowski, Papadopoulos E, Boulad F, Small T, Wolden S, Collins N, Kernan N, O'Reilly, Young J. Long term remission with T-cell depleted marrow transplants from related or unrelated donors for advanced non-hodgkin lymphoma (NHL). Blood. 100: 425a, 2002.
285. Doubrovina E, Koulova L, Kersten M, Sokolona E, Guerrero J, Diaz-Barrientos T, O'Reilly R. Preparative

- cytoreduction and chimeric state influence HLA restriction patterns of virus specific donor T cells developing late after HLA A, B, DR haplotype disparate. Blood. 100: 464a, 2002.
286. Papadopoulos E, Boulad F, Castro-Malaspina, Jakubowski A, Kernan N, Perales M, Prasad Vinod, Young J, VanDenBrink M, Toomasi F, O'Reilly R. Intravenous busulfan and melphalan followed by an unmodified related and unrelated hematopoietic stem cell transplant for treatment of advanced hematologic malignancies. Blood. 100: 636a, 2002.
 287. Small T, Papadopoulos E, Boulad F, Smith K, Young J, Kernan N, O'Reilly J. Comparison of in vitro reconstitution and opportunistic infections in adults and children following unmodified unrelated BMT (cBMT). Blood. 100: 842a, 2002.
 288. Boulad F, Auerbach A, Small T, Prasad V, Torok-Costanza J, Casson A, Duschock B, Collins N, Kernan N, O'Reilly R. Stem cell transplantation (SCT) for the treatment of Fanconi Anemia (FA) using a fludarabine based cytoreductive regimen and T-cell depleted grafts from unrelated or mismatched related donors. Blood. 100: 858a, 2002.
 289. Boulad F, Miller S, Small T, Prasad V, Kernan N, O'Reilly R. Unmodified bone marrow transplantation from HLA-matched siblings for the treatment of sickle cell disease-The MSKCC experience. Blood. 100:29b, 2002..
 290. Jakubowski A, Papadopoulos E, Young J, Perales M, Castro-Malaspina H, Van den Brink, Thoman A, Kernan N, O'Reilly R. Cytoreduction with HFTBI, thiotepea and fludarabine without antithymocyte globulin permits consistent and sustained engraftment of HLA-matched related, T-cell depleted peripheral blood stem cell (PBSC)/bone marrow transplants in adults with hematologic malignancies. Blood. 100:432b, 2002.
 291. Boulad F, Giardina P, Small T, Prasad V, Kernan N, O'Reilly R. High dose busulfan and fludarabine with antithymocyte globulin (ATG) followed by unmodified marrow grafts from HLA-matched siblings for the treatment of homzygous beta thalassemia (HB-Thal). Blood. 100: 460b, 2002.
 292. Vyas Y, Sisson R, O'Reilly R, Ochs H, Rosen M, Dupont B. A role for Wiskott-Aldrich syndrome protein in NK cell transcriptional activation of immune functuin genes but not in cytotoxic effector function. Blood. 102: 283a, 2003.
 293. Yaun R, Wong P, McDevitt M, Antczak C, Doubrovina E, Leiner I, Guirnalda P, Borella C, Bornmann W, O'Reilly R, Pamer E, Scheinberg D. Clonal deletion of CD8+ T cells by alpha emitting suicide peptide/MHC tetramers. Blood. 102: 285a, 2003.
 294. Boulad F, Steinherz P, Kernan N, Small T, Prasad V, Prockop S, Kolb A, O'Reilly R. Allogenic bone marrow transplantation (BMT) for the treatment of children with very high risk acute lymphoblastic leukemia (ALL) in first remission (CR1). Blood. 102: 472b, 2003.
 295. Perrine P, Hermine O, Mentzer S, Small T, Horowitz S, Fingerioth, Boulad F, Di Nicola M, Klein C, O'Reilly R, Levy A, Faller D. A phase I/II study of arginine butyrate and gangciclovir in patients with Epstein-Barr virus-associated lumphoid malignancies. Blood. 104: 176a, 2004.
 296. Prockop S, O'Reilly R, Petrie H. Cytoxic injury to thymis stroma and impaired reconstitution. Blood. 104: 348a, 2004.
 297. Boulad F, Jakubowski A, Castro-Malaspina H, Hsu K, Kernan N, Papadopoulos E, Perales M, Prockop S, Small T, van den Brink M, Young J, Ro M, Collins N, O'Reilly R. A phase II trial of busulafan, melphalan and fludarabine followed by allogeneic T cell deleter hematopoietic stem cell transplants from HLA identical, or HLA-Non identical related or unrelated donors for treatment of advanced hematopoietic malignancies. Blood. 104: 504a, 2004.
 298. Yan Y, Steinherz P, Guan X, Jakubowski A, McGuirk J, O'Reilly R. Growth potential of human leukemia blast cells in SCID mice and association with prognosis of human acute leukemias. Blood. 104: 526a, 2004.

299. Boulad F, Auerbach A, Kernan N, Small T, Prockop S, Chaudhury S, Castanza J, Casson A, Copeland C, Abendroth H, Collins N, O'Reilly R. Fludarabine (Flu) bases cytoablative regimen and T-cell depleted grafts from unrelated or mismatched related donors for the treatment of high risk patients with Fanconi anemia (FA). Blood. 104: 592a, 2004.
300. Small T, Papadopoulos E, Boulad F, Kernan N, Ford R, Taylor J, Casson A, Torok-Castanza J, Cuello B, Young J, Jakubowski A, Castro-Malaspina H, Perales M, O'Reilly R. Vaccine responses following unmodified T cell depleted unrelated and mismatched related HCT. Blood. 104: 612a, 2004.
301. Koehne G, Trivedi D, Williams R, O'Reilly R. Generation of cytomegalovirus-specific T lymphocytes using protein-spanning pools of pp65-derived overlapping pentadecapeptides for adoptive immunotherapy. Blood. 104: 614a, 2004.
302. Dupont J, Trivedi D, Dupont J, Kanaeva E, O'Reilly R. Sensitization of human T cells with overlapping pentadecapeptides spanning the WT1 protein induces expansion of leukemocidal T cells specific for both previously identified and novel WT1 epitopes. Blood. 104: 55b, 2004.
303. Camacho RE, Wnek R, Shah K, Zaller D, O'Reilly RJ, Collins N, Fitzgerald-Bocarsly P, Koo GC. Intra Thymic Engraftment of Human T cells in HLA-DR-1 Transgenic NOD/SCID Mice- A New Model of SCID-HU Mouse. Oral presentation (Gallo Award) At the 2005 Annual Retreat on Cancer Research, 2005.
304. Camacho RE, Wnek R, Shah K, Zaller D, O'Reilly RJ, Collins N, Fitzgerald-Bocarsly P, Koo GC. Intra Thymic Engraftment of Human T cells in HLA-DR-1 Transgenic NOD/SCID Mice- A New Model of SCID-HU Mouse. Strategic discovery the Jackson Lab, Bar Harbor, ME, 2005.